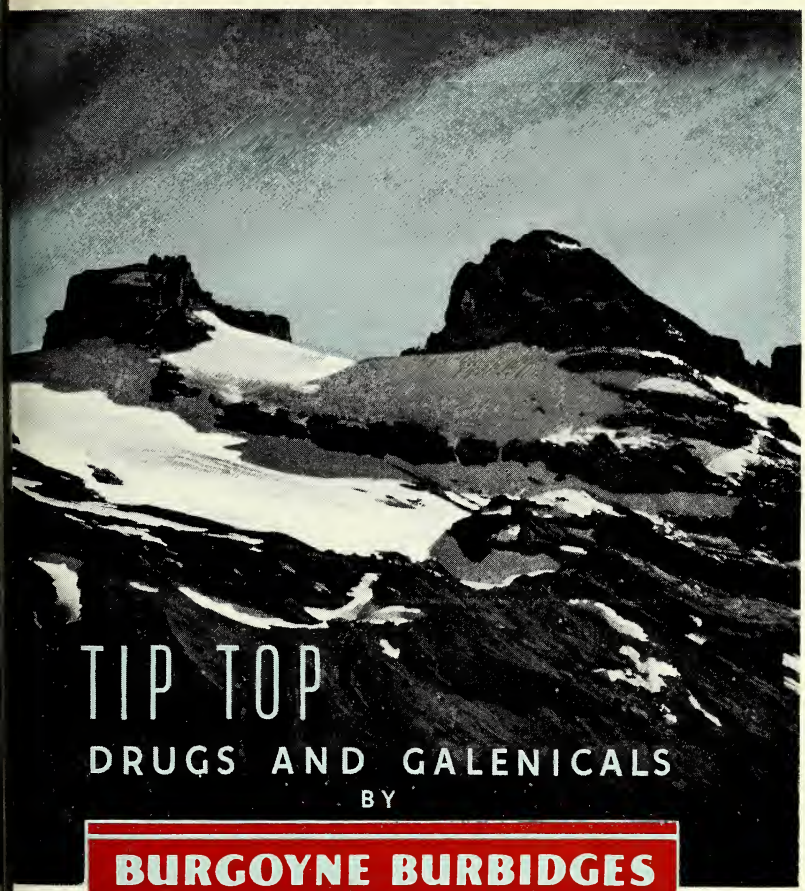
The
CHEMIST AND DRUGGIST
RETAILER - WHOLESALER - MANUFACTURER
MAY 21, 1949



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B&Co.
LTD.

The Biddle Sawyer organisation with its associated companies, offices and agents throughout the world is able to offer unrivalled service to the British pharmaceutical trade and to supply direct from world sources of origin and manufacture, or from extensive stocks in London.

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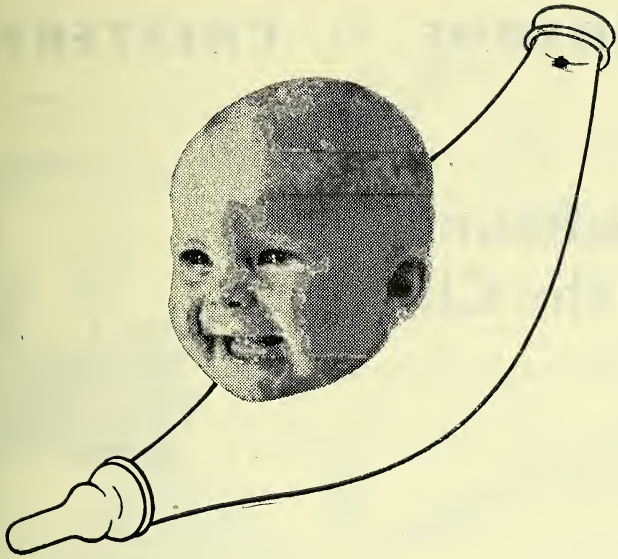

HIDDEN DANGER OF INFECTED FEEDING BOTTLES...

they may *look* clean and *still* be contaminated

and thus be a source of gastric infection

(sickness and diarrhœa). Encourage mothers

to protect their babies by sterilizing both

bottle and teats the MILTON way,

which is safe, sure, simple and economical.

You can sell an extra bottle of MILTON

with every feeding bottle or teat.

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For over a century

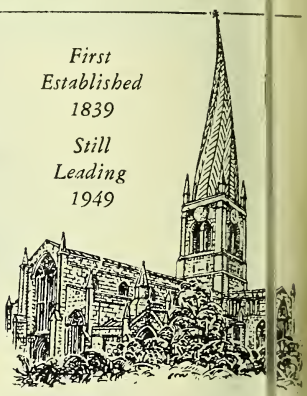
Stock Round Boxes for the Chemist

have been manufactured by

ROBINSONS OF CHESTERFIELD

First Established 1839

Still Leading 1949



All boxes in these categories are now **back to pre-war standards**
The quality being improved by **modern methods of manufacture**
Specifications & standards to comply with **N.H.S & B.S.I Specifications**

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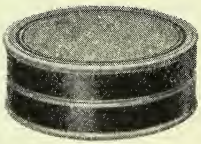
WHITE (P.I.)

PURPLE, WHITE EDGES (P.I.)



PURPLE FLANGED

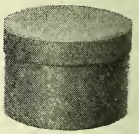
Supplies are unrationed and your full order can be met through your usual source

"LITTLE JOHN" DRUMS

CRYSTALS : POWDERS
TABLETS

OINTMENT BOXES

SEALITE
WAX IMPREGNATED



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Telegrams: "Boxes Chesterfield"

ROBINSON & SONS, LTD.
WHEAT BRIDGE MILLS, CHESTERFIELD

Telephone: 2105 (6 lines)

London Office: King's Bourne House, 229-231 High Holborn, W.C.1. *Telephone:* HOLbo 6383

Soothing & Soft for Delicate Skins

Evans Antiseptic Baby Powder is rapidly growing in popularity and the new display outer and attractive showcard will help to make further sales.

Retail 1/4½ per sprinkler tin (inc. P.T.)

Wholesale 9/- per dozen plus 33⅓% P.T.

EVANS MEDICAL SUPPLIES LTD

Speke, Liverpool 19

and Bartholomew Close., London, E.C.1

194a-17/E9

THE CHOICE OF DISCRIMINATING WOMEN IN THIRTY DIFFERENT COUNTRIES

A NEW CONTRACEPTIVE

★ The result of prolonged biological and clinical research Rendell-Foam sets a new standard in the technique of contraception and will be widely prescribed when conception control is either necessary or desirable.

RENDELL-FOAM

★ Rendell-Foam is completely spermicidal and remarkably rapid in action. It is non-irritant, free from any objectionable odour, non-greasy and free from all insoluble substances.

★ It will keep indefinitely and is not affected by climatic conditions.

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The World's Most Famous Contraceptive

SANTRON
The Modern Germicide

SANTRON CONCENTRATE
Health Service in a Tube

MENSINOLE
For Period Pains

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W. J. RENDELL LTD., Manufacturing Chemists, 161-5 Rosebery Avenue, London, E.C.1. England

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(*continued overleaf*)

They need the protection of MYCIL

TRADE MARK

herever lies the danger of tinea pedis and ner fungal infections of the feet there is the ed for Mycil, the B.D.H. fungicide. It is ghly satisfactory both in prophylaxis and atment.

ycil is odourless and is also non-mercurial, erefore may be used freely without danger toxic reactions.

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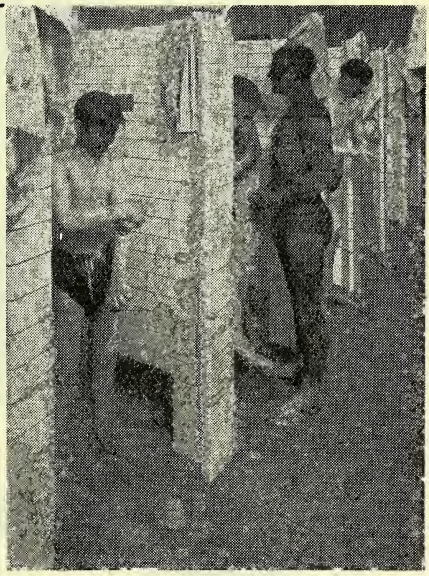
YCIL DUSTING POWDER	1/6	2/9



HE BRITISH DRUG HOUSES LTD. LONDON N.1

Myc/T/6

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Unsightly OUTSTANDING EARS corrected overnight with a "CUCKOO" EAR CAP

A safe and sure method. Simple to apply. Comfortable in use. Insure your child against the misery of this ugly feature. Sizes to suit all ages.

5/6 each, at leading chemists

Send 1d. stamp for full details and measuring chart to:

M. J. FECHER LTD., Dept. W.H.
121, HIGH ST., SLOUGH, BUCKS.

LEADING LADIES JOURNA
WILL CARRY THIS ADVER

YOUR CUSTOMERS W
BE ASKING FOR
"CUCKOO
EAR CAPS

Advertising is now commencing for thi established quick-seller. Most whole-salers hold stocks but if any difficulty is experienced apply to us direct. 'Cuckoo' Ear Caps are supplied in fourteen stock sizes based on the age of the infant.

Retail 5/6 each — Wholesale 4/- including P.T.

Actual Makers:

M. J. FECHER LT
121 HIGH STREET, SLOUGH, BUCKS. Slough

DISPLAY *sells more—and* MORE !

Send for New display material for

PHENSIC
CASSELL'S
VENO'S
GERMOLENE
GERMOLOIDS

These profitable family favourites sell more quickly over the ou r when they are displayed for all to see. Seeing is buying! Showman- hip mplifies salesmanship! So please let us keep you right up-to-date with isp material. Write today for a full set. DIRECT terms for the VENO ro cts are: Combined orders amounting to £3 and upwards from qualified Che sts will be subject to 10% for display co-operation in addition to our usual ½% iscount for monthly account.

VE O DRUG CO. LTD. Chester Rd., MANCHESTER 16

For SCIENTIFIC Pill and Tablet making . . .

you need the highly efficient and specialised facilities offered by the

COX ORGANISATION

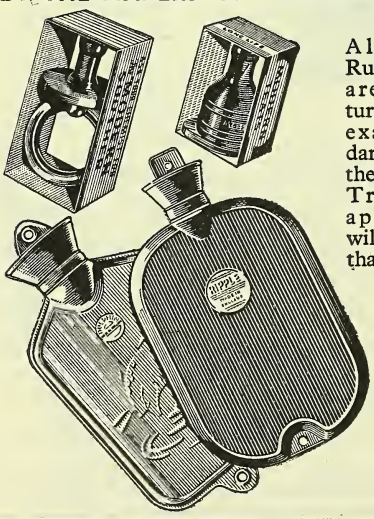
ACCURACY AND UNIFORMITY ASSURED
BY OVER A CENTURY OF MANUFACTURING EXPERIENCE

INQUIRIES INVITED

Arthur H. Cox & Co. Ltd.
Manufacturing Chemists, BRIGHTON, 7

Quality Goods

BY THE MAKERS OF "MODERN" TEATS



All Cannon Rubber products are manufactured to the most exacting standards. Wherever the CANNON Trade Mark appears, you will find the best that is to be had.

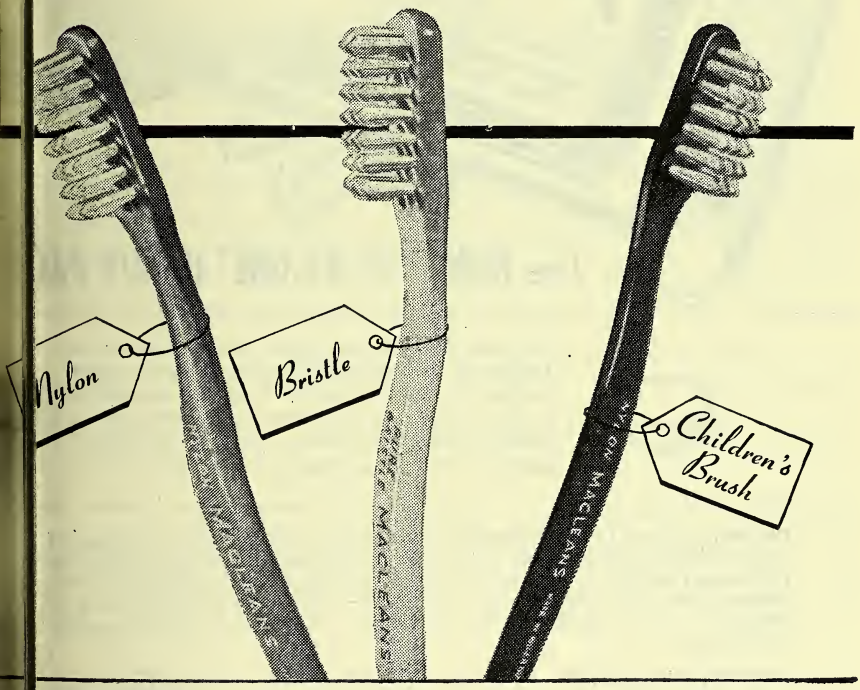
CANNON RUBBER
MANUFACTURERS LIMITED

Makers of: "MODERN" AND "WELLBORN" TEATS, "DOLPHIN" AND "RIPPLE" HOT WATER BOTTLES AND "DIVER" AND "ROSETTE" BATHING CAPS.
(Available from your usual wholesaler)

Stock MACLEANS

FAMILY RANGE OF

TOOTHBRUSHES



crease your sales by stocking and displaying the three varieties of Macleans Toothbrush. lults who want tufts of nylon or bristle, or a brush for their youngsters, will be readily racted to these stylish modern brushes bearing the famous name — MACLEANS.

C urs
R
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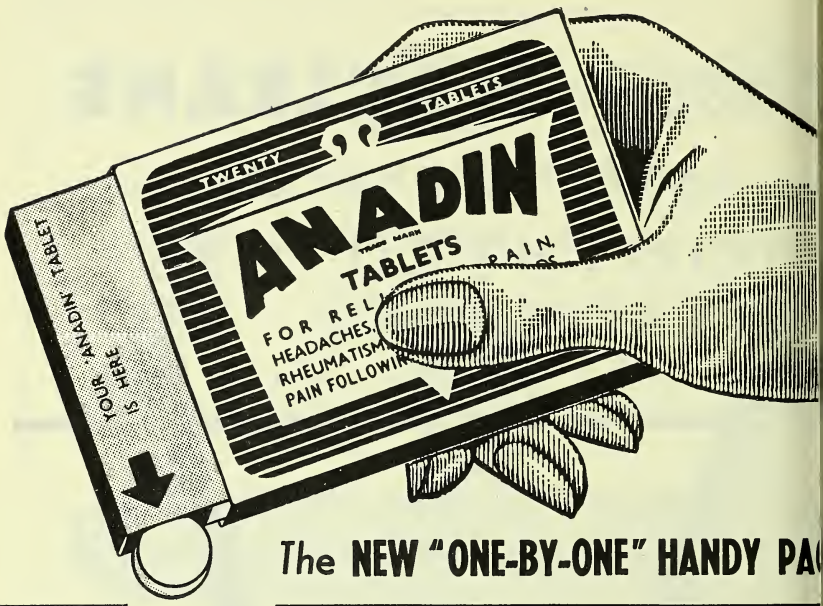
B E
G EN

	Retail Price	PRICE PER DOZEN			
		Standard Wholesale	Intermediate Parcel	Best Parcel	Purchase Tax
NYLON and BRISTLE	1/4	9/5	9/-	8/3	3/1⅔d
CHILDREN'S	1/-	7/1	6/9	6/3	2/4⅓d

Available in packs of 1 dozen or 3 dozen assorted colours.

Colourful showcards and boxes are provided with all orders. Orders for Macleans Toothbrushes can be included to make up the value of parcels for Intermediate or Best Terms.

. Ma ans Ltd., Great West Road, Brentford, Middlesex. *Phone : Ealing 6616. Wires : Macleans, Brentford.*



The NEW "ONE-BY-ONE" HANDY PA

This new hygienic easy-to-use pack containing 20 Tablets has been specially designed, so that no longer will there be the risk of tablets falling out in pocket or handbag. Slide it open with one finger, shake, and out come 'ANADIN'—one-by-one; two 'ANADIN' tablets for the relief of pain.

THE PROFESSIONALLY RECOMMENDED ANALGESIC. 'Anadin' will be moving off your shelves more quickly than ever. We are detailing the Dental and Nursing Professions intensively and the response is inspiring. Now in the Daily Press, Sunday Press and widely read Magazines—particularly those appealing to women—we are supporting this professional appeal with effective public advertising.

POINT OF SALES DISPLAY. Summer colds, headaches and neuralgia bring steady demand for this all-the-year-round analgesic. Consistent advertising will support the persistent demand, and the attractive counter display units for Anadin 20's hold out the product for your customers' acceptance.

'ANADIN' is safe to stock, sell and recommend. See that you have ample requirements to meet your demands. Attractive showcards are also available on request.

'ANADIN' tablets can be included with other I.C.C. lines to qualify for extra Co-operation Discounts of 12½% on orders of £10 and over; 10% on orders of £5 and over.

INTERNATIONAL CHEMICAL COMPANY LTD., CHENIES STREET, LONDON, W.C.1

Customers in fur coats

The poor dog when hot weather comes! He can't slip into something or go about in his shirt sleeves. All he can do is to wear a thinner hat than he does in the winter. So it's not surprising that many suffer in summer, especially if they're not in really good condition. Summer means that hundreds of dog-owners will be coming to you for Bob Martin's Condition Powder Tablets to help their dog adapt itself to hotter weather. It means you need a good stock in hand if you're not to miss this trade.

There's another reason why you ought to stock up *now*. Bob Martin's are launching a huge campaign in the national press; there'll be really big-scale advertising in the next few months to bring you more and more customers.

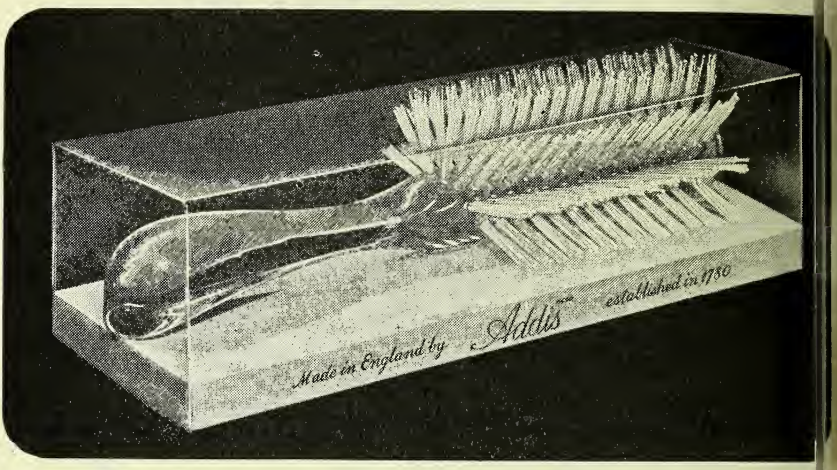
Point-of-sale advertising hasn't been forgotten either. Send now for new and brilliant display material. This includes large display screens, showcards of the popular spaniel's measuring 15 inches by 10 inches and 9 inches by 6 inches, and striking full-colour posters measuring 30 inches by 20 inches. See you have your share of these and of a bumper season's trade.

BOB MARTIN LIMITED

SOUTHPORT LANCS

PATA

It's lovely . . .It's logical . . .



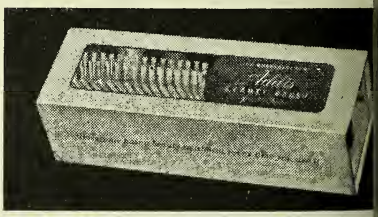
"And it sells on sight!" SAY RETAIL S

BUYERS, beauty editresses, shop assistants and smart women everywhere—all agree that the Addis Beauty Brush is the loveliest hairbrush they've ever seen, the most sensible they've ever used!

There is a good reason for this remarkable success-story.

'Deep brushing,' say the beauty experts, 'is the secret of lovely hair.' As thousands of women have already discovered, the Beauty Brush *brushes deeper than any other hairbrush,* makes even 'difficult' hair look noticeably prettier.

In appearance, too, the brush lives up to its name. It has a clear gem-like plastic handle in a choice of three colours—p green or blue. The Addis Beauty Br is the newest-ever look in hairbrushes a line that will *keep selling the whole round* on its sheer sound value for mo Retail price 12/6d. (including tax); p to you 82/6d. per dozen plus tax.



EVERY BRUSH *is packed in transparent ace container enclosed in attractive pink-and-mar presentation 'sleeve.' Hard-selling display mate supplied with every order for 6 brushes.*

THE NEW *Addis* REGD. **BEAUTY BRUS**

Designed—Packed—Priced—to SELL!

ADDIS BEAUTY BRUSHES ARE MADE ONLY BY ADDIS LIMITED OF HERTFORD, ESTABLISHED IN 1

Richard Daniel & Son Ltd

PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

Head ice & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

Thomas Waide & Sons Ltd
KIRKSTALL HILL LEEDS 5
PRINTERS AND LITHOGRAPHERS for over 60 years

Specialists in the production of

MULTI-COLOURED LABELS
SEALS on metal or paper
CARTONS · SHOWCARDS

We carry an extensive range of STOCK-LABELS for MEDICAL & PERFUMERY TRADES

Specialized Artists are at your Service

Always popular

There's no chance of Andrews being pushed into the background by not-quite-so-good imitations. You *know* when you put Andrews on your counter that it has the goodwill of the public and will always sell. It's popular because

Its formula is ideal — and unique.

Reaches the user in perfect condition.

Nationally advertised.

So stock up well with

ANDREWS

FOR

Inner Cleanliness

GLANOID

FLAVOURED

ESSENCE OF

RENNET

RASPBERRY, STRAWBERRY
LEMON, ORANGE,
VANILLA

1 OUNCE BOTTLES
sufficient for 8 pints of Junke

RETAIL

2/3

PER BOTTLE

JUNKET TABLETS

Each Tablet Sufficient to Junket ne Quart of Milk

Packed in Boxes of 12 Tubes

Each Tube contains 16 Tablet

Retail Price 1/3 per tube

JUNKET POWDER

Packed in Boxes of 12 Tubes

Sufficient in each Tube to Junk 16 Quarts of Milk

Retail Price 1/3 per tube

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(ARMOUR AND COMPANY LTD.)

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Telephone - CLERKENWELL 9

Telegrams "ARMOSATA-PHONE," LOND

Here's your chance to handle HALO, America's biggest selling shampoo

HALO SHAMPOO ENTERS THE BRITISH MARKET WITH A RECORD THAT IS UNEQUALLED BY ANY OTHER LIQUID, CREAM OR POWDER SHAMPOO

These are the facts :

- ★ *In America more women ask for Halo than for any other shampoo*
- ★ *Biggest share of the 40 million dollar shampoo business in America is held by HALO*

Exciting, outspoken advertisements in the popular press will introduce HALO to the women of Britain. To tie up with this press advertising we are supplying you with attractive eye-catching showcards for your counters. Don't delay in letting your customers know you too are a HALO stockist. See our representative when he calls or write to us direct.

WOMEN WANT* HALO *BECAUSE

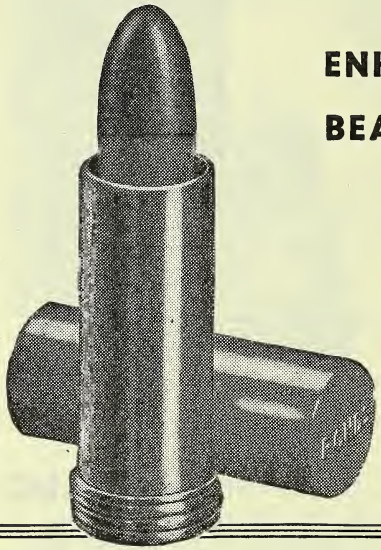
1. *Not a soap, not a cream — HALO cannot leave dulling film.*
2. *HALO gives fragrant, soft water lather even in hardest water.*
3. *HALO leaves hair lustrously soft, easy to manage — with colourful natural highlights !*

HALO Shampoo

Made by COLGATE-PALMOLIVE-PEET LTD.,
145 CHARING CROSS ROAD, LONDON, W.C.2

NEW!

Natural shade of Lipstick



ENHANCES THE NATURAL

BEAUTY OF LIPS

NEW addition to Pond's famou sticks is *Natural*—a delicate shade that brings out the full colour o enhancing their own natural beauty

Discriminating women, who do no their make-up to look artificial, will come this new shade. It's grand, to teen-agers buying lipstick for the first

And Pond's Lipsticks stay on and Tell your customers this desirable Once they start using Pond's, they w want to use any other make.

Other Pond's Lipsticks are Light, V Medium, and Ruby. Price 5/3 and (including purchase tax). Order Po Lipsticks in the full colour range Also Pond's Cold Cream, Pond's Va ing Cream, and Pond's Face Powder.

REFILLS 3/1 EACH

Pond's Lipstick refills are now available, price 3/1 including tax. Shades exactly the same as in the complete lipstick. Order now and be ready for the big demand that is coming

POND'S beauty products

SULPHAMEZATHINE'
ORAL SUSPENSION

offers the busy practitioner a convenient and agreeable means of administering 'Sulphamezathine'—the safest sulphonamide for dealing with infections in children. 1 teaspoonful contains 0.5 gramme.

In bottles of 100 c.c. and 500 c.c.

ICI

Further information and literature available from your nearest I.C.I. Office: London, Bristol, Manchester, Glasgow, Edinburgh, Belfast & Birmingham.

IMPERIAL CHEMICAL [PHARMACEUTICALS] LTD.
(A subsidiary company of Imperial Chemical Industries Ltd.) **MANCHESTER**

Ph.367

A Pharmaceutical Achievement

MAGSILATE

ASPIRIN THERAPY BROUGHT TO PERFECTION

MAGSILATE

CAN BE EATEN LIKE A SWEET

No water required

Quicker absorption — more effective action
No gastric disturbance
Fully protected against deterioration

Magsilate is a CF Product, sold *through Chemists only*. Terms are profitable. Attractive show-cards, informative literature and free samples supplied with orders.

Supplied in 2 sizes 10d. and 1/4 (incl. P. Tax) and Dispensing Packs of 125 and 500 Tablets

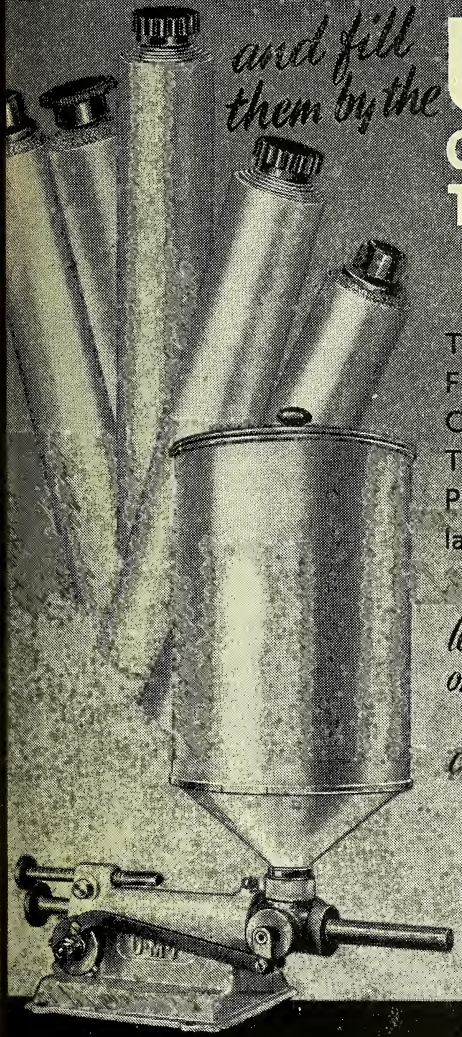
CF

PATA

WESTMINSTER LABORATORIES LTD. CHALCOT ROAD, LONDON N.W

Use U·M·P COLLAPSIBLE METAL TUBES

and fill them by the U·M·P COLLAPSIBLE TUBE FILLING UNIT



This unit consists of Tube Filling Machine, Tube Closing Machine and Tube Crimping Machine. Please write for particulars and descriptive leaflet.

We are also moulders of PLASTICS to the Trade by injection and compression methods

U·M·P

THE SIGN OF SERVICE AND CO-OPERATION

UNIVERSAL METAL PRODUCTS LTD.

ALFORD 6 LANCS. *Telephone:* PENDLETON 1631-2-3

LONDON OFFICE: ARGYLE HOUSE, 29/31, EUSTON ROAD, N.W.1.

Luxury Lanolin Cosmetics

Handmaid
hand protective

WESTBROOK LANOLIN Co.
(Subsidiary of Woolcombers Ltd.)
BRADFORD.

For CHEMISTS ONLY

A NEW PROFITABLE QUICK-SELLING LINE

Hostess
PINEAPPLE CRUSH

HOSTE
FRUIT SQUA
Making a host of

RESTRIC
EXCLUSIV
TO CHEM

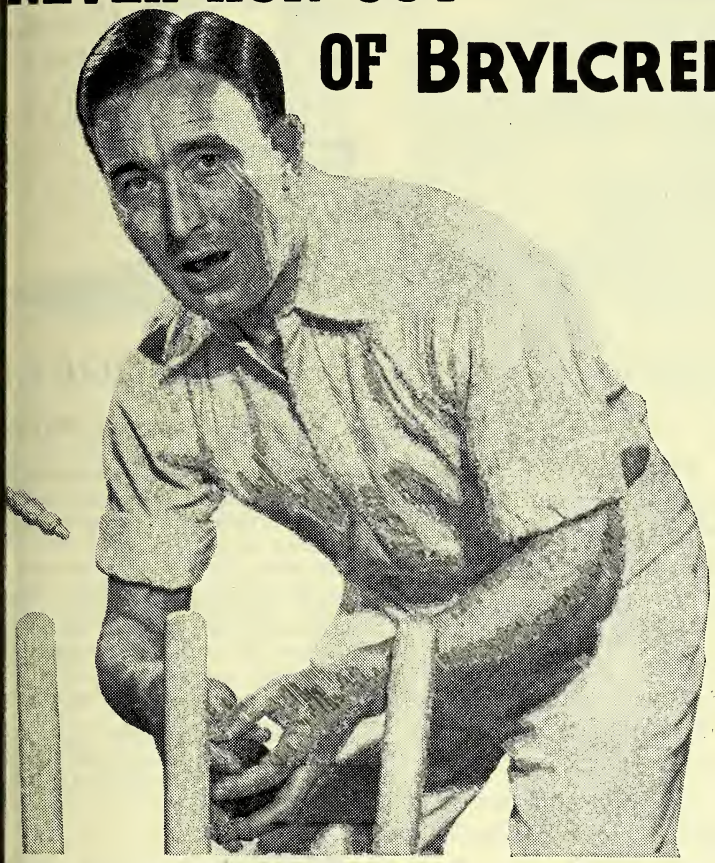
GOOD PRO
RETAIL PRICE - per
YOUR RETURN 3
YOUR BUYING PRICE 2
YOUR PROFIT -
(equals 33⅓ o

ATTRACTIVE V
And a quality you can c
recommend. The smart p
a most attractive display.
Popular flavours. Orang
Lemon and Orange,
Applym (a Lime flavour
juice cordial).

ORDER THROUGH YOUR
USUAL WHOLESALE CH

CITRUS Products Co. Ltd. 87 Regent St. Lo

NEVER RUN OUT OF BRYLCREEM



PULL UP YOUR STOCKS

Again Brylcreem is breaking all records. It's the biggest-selling hair dressing — it's *your* best-seller. Meet the quick demand for Brylcreem with good stocks — good stocks mean good profits for you. We're backing you up with even bigger press and poster advertising. And we have attractive showcards to help you keep Brylcreem in the forefront with window and counter displays. Make them a permanent feature. There's a handsome profit in Brylcreem. Stock it, display it — you'll sell it!

BRYLCREEM

THE PERFECT HAIR DRESSING

Perfumery Co., Ltd., Honeypot Lane, Stanmore, Middlesex *royds T3*

'SLEEK' plastic adhesive strapping has sales appeal. Display it on your counter with the attractive showcards and introduce it to your customers.

The 'SLEEK' Manual gives valuable sales hints and was produced to help you and your staff know all about the product. Ask our representative for copies, or these will be sent on receipt of a post card or 'phone call.

'SLEEK' will give you a quick turn-over. Plentiful supplies are available in flesh colour or white.

1" x 5 yard spools .... **Retail 2/- each**
2" x 5 yard spools .... **Retail 3/6 each**

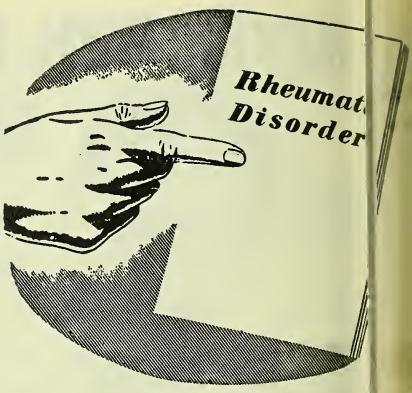
'Sleek'

TRADE MARK

PLASTIC ADHESIVE

STRAPPING

Herts Pharmaceuticals Ltd., Welwyn Gdn. City. Herts.
Telephone: Wel. Garden 3333 S14



NEW BOOKLE

FOR RHEUMATIC SUFFE RS

This is an authoritative treatise on Rhe atic complaints written in language that the man can easily understand. Copies are now ing included in both the 5/6d. and 26/5 size Curicones Cartons, and supplies ar also available to chemists FREE on request.

Mention is being made of this booklet our National Advertising and readers are ited to ask their chemist for a copy. Mak ure you have a supply of these booklets on ha

If you require one of these Curicones b lets at short notice to comply with a request m a customer, please take one from a CURIC ES CARTON.

Weather-Indicati
Novelty Showcar

Size 8 × 12 (approx.) Prin in bright, attractive colou An excellent novelty surprisingly accurate. simply send us your name address to obtain one.

CURICONES

Stephen Matthews & Co. Ltd., 19/21 Farringdon St C.4

This is it!

THE EXCITING NEW
CREAM SHAMPOO DISCOVERY

THAT MEANS EXTRA BUSINESS IN SHOP AND SALON

Here it is! Lustre-Creme, the new *cream* shampoo that's fast becoming the sensation of hairdressing salons and cosmetic counters. Lustre-Creme, the new *cream* shampoo made by Colgate-Palmolive-Peet to bring you extra business and higher profits.

Here are the facts. Retail price 2/9d. Packed in handsome jars ready for immediate use. Carries a high profit margin. Supported by heavy and prolonged advertising campaign in all the big circulation daily and sunday newspapers.

Big selling features. Instant scum-free lather in hardest water. Needs no after rinses other than water. Contains Lanolin, the *natural* dry scalp corrective. Leaves hair lustrous and manageable.

Cosmetic buyers! Lustre-Creme is your opportunity to feature a shampoo that will *not* stick on your shelves. Lustre-Creme is here to *sell*. Order supplies now.

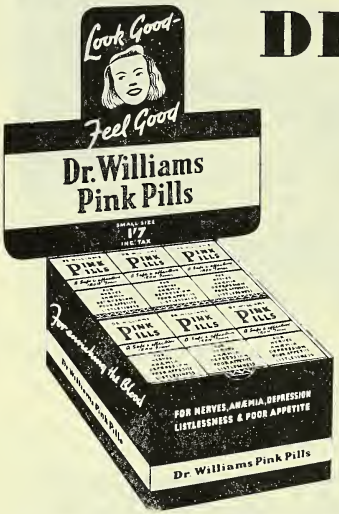
Lustre-Creme Shampoo

WITH LANOLIN

COLGATE-PALMOLIVE-PEET LTD., 145 CHARING CROSS ROAD, LONDON, W.C.2

Stock-up NOW *with this n*

DISPLAY PAC



Gain increased sales and profits by displaying he NEW Counter Display pack introduced by r. Williams Pink Pills. Recent tests in all par of the country showed sales increases averaging 2 6. Large scale advertising appears regularly in he National Press, Women's Magazines and in over 400 Provincial Daily, Evening and Weekly newspapers.

Display and Sell

Dr. Williams Pink Pills

G. T. FULFORD CO., LTD. (of Canada), 8 Royston Park Road, Hatch End, dx.

NEW DISPLAY MATERIAL ALSO LEAFLETS

P.A.T.A.

Lantigen

SERIES OF DISSOLVED ORAL VACCINES

Support the very successful and widespread National Advertising of LANTIGEN series of Dissolved Oral Vaccines, with attractive leaflets and striking counter cards, free on request. LANTIGEN is on the P.A.T.A. list, and retails at 25/8d. per bottle (inc. P.T.).

LANTIGEN 'A' for the Common Cold.
LANTIGEN 'B' for Catarrh and Bronchitis.
LANTIGEN 'C' for Rheumatism of germ-born c n.
LANTIGEN 'D' for Staphylococcal Skin Infec s.
LANTIGEN 'E' for Hay Fever and Asthma.
LANTIGEN 'F' for Whooping Cough.

Supplies direct from Sole Distributors:
J. C. GAMBLES & CO. LTD., 211, BLACKFRIARS ROAD, LONDON, S.
or from Wholesale Chemists.
Manufactured by: **LANTIGEN (ENGLAND) LTD., BAGSHOT, SURREY**

THE HOUSE OF *FIRSTS*

First with make-up for the motion picture studios

First to feature cosmetics as "make-up"

First to feature Hollywood screen stars in cosmetic advertising

First with Colour Harmony Make-up

First to classify and originate the name "brownette"

First to introduce "Personalized" Christmas Gift Sets for Blondes, Brunettes, Brownettes and Redheads

First to introduce a new and utterly different cosmetic fashion — "Pan-Cake" Brand Make-up

First to introduce a new make-up for Technicolour motion pictures

First to introduce the new lipstick idea — 3 shades for each type—Clear Red, Blue Red and Rose Red

First with 3 rouge shades for each type — new pastels in Clear Red, Blue Red and Rose Red

First to originate new exclusive patented lipstick colour formula

First with the new colour tones — Amber — in "Pan-Cake" Brand make-up and Face Powder. Colour harmonized to natural skin tones.

Max Factor HOLLYWOOD

MAX FACTOR HOLLYWOOD & LONDON (SALES) LTD

16 OLD BOND STREET, LONDON, W.1

BEFORTISS B-complex

The 4-factor preparation

	capsules		ampoules 1 c.c.	ampoules 2 c.c.
aneurine hydrochloride	1.0 mg.	aneurine hydrochloride	10 mg.	50 mg.
riboflavine – –	1.0 mg.	riboflavine – –	1 mg.	4 mg.
nicotinamide – –	15.0 mg.	nicotinamide – –	40 mg.	200 mg.
pyridoxine hydrochloride	0.5 mg.	pyridoxine hydrochloride	1 mg.	5 mg.

Capsules in bottles of 25 and 100. Ampoules in boxes of 3's and 12's. Chemists' Terms 33⅓%.

Vitamins Limited

(Dept. 44 A.A.) Upper Mall, London, W.6

Net News!

These 3 attractive, new envelope packs are now available for the Home Trade

Packed in display outer, in assorted colours if required. Counter display also available for the well-known Venus Cap Net. Your Wholesaler has plentiful supplies.

Wholesale & Export: **Robert Shaw & Co. Ltd., Nottingham**

London Office: Condor House, St. Paul's Churchyard, E.C.4

Mai Daye

COMPLEXION SOAP

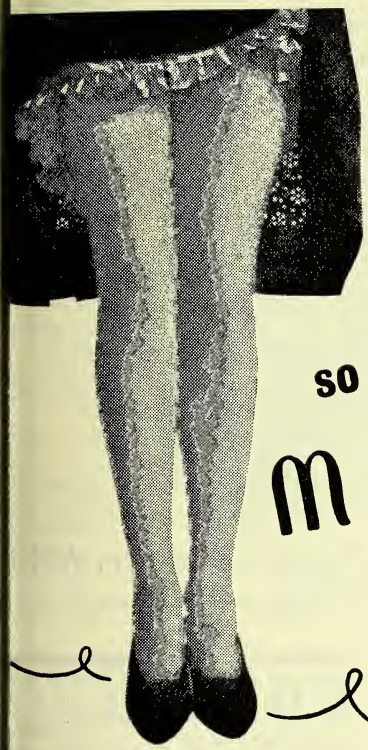
3 oz. 8d.

MADE BY

Comtesse Laboratories Ltd

CHATHAM PLACE, LONDON,

TELEPHONE AMHERST



Nylons are scarcer than ever

so the demand for

MINER'S Liquid Stockings

increases daily!

fine stockings have been scarce for so w that many women have come to rely id Stockings for summer. During the e of the original Liquid Stockings — — most of you developed your own Stocking preparation in response to the l. Now, however, Miner's Liquid Stock- back again — not in unlimited quanti- t enough to be very welcome to all s, especially now that you are busy with al Health prescriptions. And to realise ghted greeting that women everywhere ven to this popular Miner's preparation, e only to see how sales have been rising s return.

men who know, Miner's Liquid Stock- an the *original* Liquid Stockings: the es that are so blended to live up to the made for them. Miner's Liquid Stock- lly do a stocking job ★ **They really do amazing impression of the sheerness of ★ they go on the legs smoothly and easily ★ they stay put, don't rub off — even on clothes ★ and they don't spot. ★ In 3 actual glamorous stocking shades: Gold Mist, Grape Mist and Hawaiian.**

If our representative has not already taken your order—order now. Display Miner's Liquid Stockings and the vast number of Miner's admirers will do the rest!

PRICES: RETAIL — SMALL SIZE **1/3** (*including tax*) LARGE SIZE **3/5** (*including tax*). TRADE— SMALL SIZE **6/2** per doz. *plus* 6/2 *purchase tax*. LARGE SIZE **16/6** per doz. *plus* 16/6 *purchase tax*.

MINER'S

Liquid Stockings

Inq es to Distributors: MYRAM PICKER LIMITED, HOOK RISE, SURBITON, SURREY.

DISPENSING PACKS

ACIDOTAN Tablets 80's - - 15/9
AGOCHOLINE Tablets 500's - 45/-
ANACLASINE Tablets 500's - 27/-
plus 9/- P.T
ANAXERYL Ointment 1lb. - - 15/-
BENGUE'S BALSAM 1lb. - - 30/9
BENGUES DRAGEES 500's - - 12/6
BORNOLIN Ointment 1lb. - - 20/-
COROSEDINE Tablets 500's - 60/-
DIUROPHYLLINE Tablets 500's - 37/6
METANIUM Ointment 1lb. - - 20/-
plus 6/8 P.T.
TENSEDINE Tablets 500's - - 30/-
plus 10/- P.T.

NEO-PASSIORINE Tablets 500's -
plus 13/4
OPOBYL Pills 250's - - -
OPOCALCIUM Tablets 500's -
plus 9/-
OPOCALCIUM Irradiated Tablets 5
28/6 plus 9/6
PASSIORINE 1lb. - - -
plus 4/6
PASSIORINE Winchester Quart -
plus 22/-
PULMO BAILLY 1lb. - - -
PULMO BAILLY Winchester Quart
RHINAMID 8ozs. - - -
RHINAMID Winchester Quart -

BENGUE & Co. Ltd. MANF'G. CHEMISTS **Mt. Pleasant, Alperton, WEMBL**

SHOWCARDS **CARTONS & BOXES** DISPLAYS
PRINTED OR PLAIN
OF EVERY KIND, FOR EVERY PURPOSE
CARTON BOX & PRINTING Co. LTD
BRINKSWAY, STOCKPORT.
PHONE:- STO 4700.
TRANSPARENT BOXES

GUMS TRAGACA H AND ACA A
As imported or Finely Po ered
ALL GRADES
HENRY MANSER LTD., 21 LIME STREET, LONDO .C3
Telephone : Mansion House 0920

MILLAMALT

Sole Manufacturers: JEFFREYS, MILLER & CO. LTD (A6500 I.U., D400 I.U. PER FL. OZ.)
Leyland Mills, Wigan. *London Dept.* 19 Brookside Rd. N

Malt Extract wi added Natural Vita ns

MEDICATED SOAP
SKIN & SCALP AFFECTIONS

SULPHAQUA

BATH CHARG S
RHEUMATISM · GOUT C

EXPORT ENQUIRIES INVITED

Both products may be recommended with confidence.

REPEAT SALES ASSURED

Immediate delivery through leading Wholesalers or direct from

S. P. CHARGES CO., ST. HELENS, LANCS. - Est. 18

ISPLAY MAKES SALES

8 FOR 8D

TTRACTIVE DISPLAY MATERIAL GLADLY SUPPLIED

HE MOTH DAMAGE PREVENTIVE WITH THE BIGGEST SALE

MOTHAKS

This profitable moth damage preventive sells on ght. MOTHAKS are widely advertised and a display will bring tra business and extra profits. Order your supplies now, the OTHAK selling months are here.

Sole Makers :—

TOMPSON & CAPPER WHOLESALE LTD

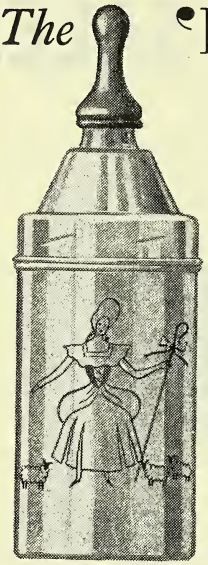
LIVERPOOL, 19

The 'Feedrite' baby feede

Patent Applied For

PRICE TO PUBLIC 4/6 EXCLUDING TEAT

Packed 1 dozen in a carton SHOWCARD SUPPLIED

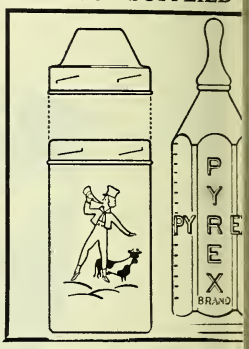


All mother does, is to fill the Pyrex bottle with Babies milk, at temperature required, put bottle in to case, and the **FEEDRITE** container keeps the milk at the correct temperature **DURING THE ENTIRE FEED,** so easy.

The **FEEDRITE** eliminates the need to re-heat the milk **DURING** the feed.

The **FEEDRITE** is not only a very attractive addition to Babys' trousseau, but it protects the bottle against breakage.

Each **FEEDRITE** is supplied complete with Pyrex feeding bottle, and is packed in an attractive individual carton.



Manufactured by :—

Morley, Rogers & Compar

34 SOUTH MOLTON ST., LONDON, W1

Telephone: MAYfair 2883

THE HOUSE OF

HAYWOOD

ESTABLISHED 1830

MANUFACTURERS & DISTRIBUTORS

Everything Surgical

ELASTIC HOSIERY
BELTS AND TRUSSES
CHEMISTS' SUNDRIES
COTTON DRESSINGS
PROPRIETARY MEDICINES

VAN DELIVERY SERVICE
WHOLESALE ONLY

Enquiries invited:—
Regd. Office and Works
11, 13 & 23, WARSER GATE
NOTTINGHAM

Phone: 40488 & 45164 Grams: APPLIANCE NOTTM.

ESTABLISHED 1793

ATKINSON & BARKER'S
INFANTS' PRESERVATIV

The Best and Safest Infants' Medicine of 150 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LT
13 WESLEY ST., C. on M., MANCHEST

A NEW and PROFITABLE line —

To retail at 2/6 per bottle, sufficient for four Treatments

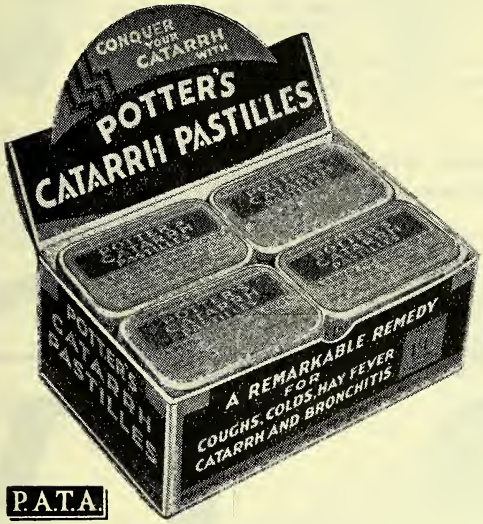
Write for free sample to—

Gill's
DANDRUF
REMOVE
SHAMPO

METROPOLITAN DRUG CO. D.
35 OLD BOND STREET, LONDON,

Potter's

CATARRH PASTILLES



P.A.T.A.

Retail **1/4½** each. Wholesale **9/-** per doz.
Plus tax 3/-

Reminder: Potter's ASTHMA REMEDY, Retail 2/5
Wholesale, 18/-, plus tax. 6/- per doz.

NOW READILY AVAILABLE from

POTTER & CLARKE LTD.

60-64 ARTILLERY LANE, LONDON, E.1

Telephone: BIShopsgate 4761

and 77 DANTZIC STREET, MANCHESTER, 4

Telephone: BLAckfriars 8734

An Ideal GIFT LINE!

Behind the "Allure" Perfume Hairbrush is the heavy and sustained advertising at home and abroad which for years has been building up to the present time when we can fulfil all your orders.

The "Allure" Perfume Hairbrush is advertised by Showcards on all London Underground trains on which 650,000,000 passengers travel yearly.

Give these brushes prominent display and always show one brush apart as this calls attention to the fact that it is not an ordinary brush.

ATTRACTIVE ADVERTISEMENTS APPEAR REGULARLY in the NATIONAL PRESS

OWING TO IMPROVED PRODUCTION COSTS

NOW RETAIL **39/6** Inc. Pur. Tax

"Allure" Perfume Essence

Much more lasting than ordinary perfume

NEW REDUCED PRICE **4/6** RETAIL Inc. Pur. Tax

BY APPOINTMENT MAKERS

G. B. KENT & SONS LTD., 24 OLD BOND ST., LONDON, W.1
Telephone: Regent 1471/2/3. Telegrams: Tricno, Piccy, London

FIELD & CO. *(Aromatics)* **LTD.** MOUNT PLEASANT, ALPERTON, WEMBLEY, MDX.

Phone - - WEMBLEY 5441 (3 lines)
Telegrams & Cables - FUMRIFIELD, WEMBLEY

F.3.B.

C.V.E

CARR'S VITAMIN E

PREPARED WHEAT GERM

A RICH SOURCE OF VITAMIN

Eaten as a cereal or sprinkled on other cereals, stewed fruit, etc.

ONLY FROM CHEMISTS

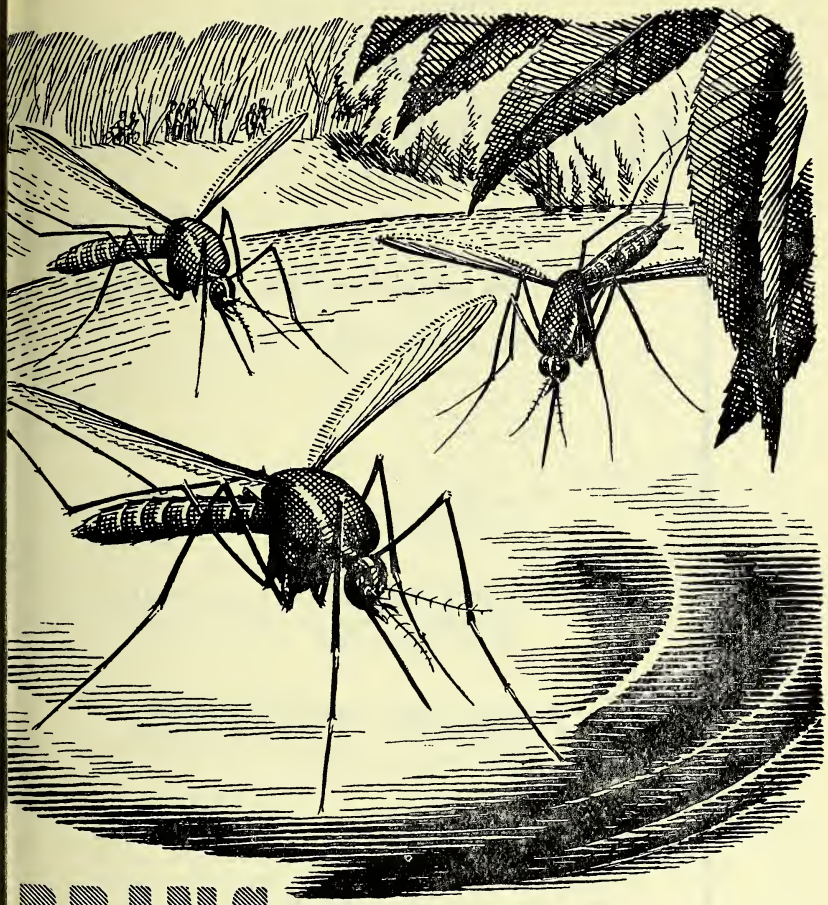
3/- per large (14 oz.) packet

TRADE:

27/- doz. *Net Delivered* **Case of 2 doz. 54/-** *Case 3/- returnable*

FROM PRINCIPAL WHOLESALERS OR FROM THE MANUFACTURERS

CARR'S FLOUR MILLS Ltd., CARLIS



PRING *brings them out*

All outdoor folk need 'Sketofax.' Order now to meet this big demand. Attractive display-outers and showcards are available. A bonus of 13 to the dozen is given on orders of three dozen or over. Retail price of 'Sketofax' BRAND Cream Insect Repellent: 1/4 plus 4d. tax.

stock up NOW

'SKETOFAX' BRAND INSECT REPELLENT

BURROUGHS WELLCOME & CO. *(The Wellcome Foundation Ltd.)* **LONDON**

PRIVATE LABELS

Have you considered the advantages of Individual Packs ?

For instance —

- REPEAT SALES CAN ONLY BE HAD FROM YOU.
- THE FORMULÆ OF GOODS CAN BE SELECTED TO MEET YOUR REQUIREMENTS.
- YOUR REPUTATION AND THE GOODWILL OF YOUR BUSINESS ARE ENHANCED.

We can offer a wide range of Capsules, Medicated Pastilles, Lozenges, Tablets and Ointments, all of unquestionable quality, well packed with special labels designed to your requirements.

You may be sure that any goods we pack for you will be a credit to your pharmacy

Kindly send us your enquiries, or ask for our representitive to call.

WARRICK Bros. Ltd.
4 to 10, NILE ST., LONDON, N.1.

The

CHEMIST AND DRUGGIST

or RETAILER—WHOLESALER—MANUFACTURER

MAY 21, 1949

ublished weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

pies 1/- each. Annual subscription, which includes The Chemist and Druggist Diary and Year Book, 30/-

3613 Volume CLI

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NEWS OF THE WEEK

nmittee on Scholarships and Grants. Pharmaceutical Society has ap- d a committee to consider the general n of the Society's scholarships and and the educational grant to the of Pharmacy.

Industry Duty Under Review.— al of Key Industry Duty exemptions e period July 1 to December 31 is consideration by the Board of Trade. ommunication on this matter should dressed to the Industries and Manu- es (General) Division, Board of Trade, nk, London, S.W.1, by June 4.

Oils and Fats Order.—The Oils ats Order, 1949 (S.I., 1949, No. 894), comes into force on May 22, con- es and amends five earlier orders. pal changes include the removal of trictions in the sale of olive oil and oil; sunflower oil is added to oils t to control; no permit is required e purchase of cocoa butter for phar- tical purposes, but a permit is still d if it is to be used in the manufac- f toilet preparations.

Council Election Result. — The result of the election for seven seats on the Council of the Pharmaceutical Society of Great Britain was declared at the adjourned annual meeting on May 18 as follows:—

MAPLETHORPE, Cyril Wheatley	5,317
TRISTRAM, William John ...	5,021
REID, Thomas	4,523
IRVINE, Jean Kennedy ...	4,506
SHAW, Granville	4,090
HUDSON, Donald William ...	3,626
ISLIP, May Cater	3,457

The above were declared elected.

MACFARLANE, Charles William	3,292
GOULDER, Joseph Lovell ...	2,874
SHARP, Louis Kenneth ...	2,766
DOWTY, Joseph Masters ...	2,626
BLACK, Hugh Lindsay... ...	2,591
GRIFFITHS, Edward Trefor ...	2,585
GILMOUR, John	2,560
FOSTER, Bernard	2,530
BRYDSON, William Callis ...	2,196
PRIESTLEY, George Henry ...	1,904
WILLIAMS, Basil Allen ...	1,749
STOKES, William Ewart ...	1,172
MADGE, Archibald George ...	884

Analgesia in Home Confinements.—The Ministry of Health in a circular to local authorities says that considerable progress was made in 1948 in the administration of analgesics in domiciliary confinements. The number of domiciliary midwives qualified to use gas-and-air apparatus increased from 4,100 to more than 5,500, and another 1,300 gas-and-air machines were provided.

International Pharmaceutical Federation.—A letter received by the Pharmaceutical Society of Great Britain from Dr. T. Potjewijd (secretary-general, International Pharmaceutical Federation) has announced that, following a decision of the General Assembly at Zurich, an additional administrative body, to be called the Council, was being established, on which each member country would have one representative. The purpose of the Council was to provide a means of contact between the forty national associations and the bureau of the Federation, and thereby to enable members to be better informed on the subjects discussed at the Assembly. It was decided to defer the appointment of the Society's representative until the June meeting of the Council.

Saccharin Decontrolled.—The Minister of Food announces that, as supplies of saccharin and similar artificial sweeteners are now sufficient to satisfy the demand, these products are being freed from price and permit control. On May 21 the Saccharin (Control and Maximum Prices) Order, 1944, is being revoked and a new Order, the Saccharin Order, 1949, comes into force, to maintain the quality standards and labelling provisions of the old Order. Under the new Order sales of saccharin and sweetening tablets by retail will no longer be confined to 100-tablet packets, though it will still be necessary to state the number of tablets contained in the packet. Food manufacturers are reminded that they will still have to obtain licences under the Manufactured and Pre-packed Food Order for the manufacture of any product containing saccharin or other artificial sweetener.

Supplementary Veterinary Register.—The Privy Council has made an Order (S.I., 1949, No. 325) confirming a regulation made by the Council of the Royal College of Veterinary Surgeons under which the form of application for registration in the Supplementary Veterinary Register is prescribed. The conditions for registration are that the applicant attained the age of twenty-eight and fies the Council of the Royal Colle Veterinary Surgeons (a) that he is of personal character, and (b) that durir ten years immediately preceding the cation he has for a period of not less seven years in the aggregate been en in the United Kingdom, as his pri means of livelihood, in diagnosing di of animals and giving medical or su treatment to animals. The Counc discretionary power to authorise the tration of a person who, though oth eligible, has not so completed an agg of seven years' practice because of s in the Forces or through being enga work of national importance. Only p registered in the Register of Vete Surgeons or in the Supplementary V ary Register will be able to practise inary surgery.

LOCAL NEWS

Slough Staff's Savings.—The emp of Aspro, Ltd., Slough, Bucks, hav vested more than £75,000 in Nationa ings in seven years.

Wimbledon Pharmacists' Visit. party of members of the Wimbledon macists' Association who visited the sham premises of Ciba Laboratories, on April 27, was led by Mr. T. (president).

Staff Outing and Sports. — Pinl Gibson & Co., Ltd., Edinburgh, held annual outing on May 8. The staff their families, were guests of the dir on a tour of such beauty spots as M Devil's Beef Tub, Grey Mare's Tai kirk and Galashiels. Sporting events held at St. Mary's Loch in the afte

South Shields Social.—The Shields Pharmacists' Association h social evening for members and their on May 9. Mr. M. S. Pearson pre and the guests included Mr. A. (clerk, South Shields Executive Co Mr. W. A. Power was M.C. for a drive in which prizes were won by dames A. L. Willis, M. S. Pearson a Waller, and Messrs. W. H. Adams a Darke.

Worthing Lecture.—At a meeting Worthing Branch of the Pharmace Society held recently, Mr. Donald H M.P.S., gave an address on "The Na Formulary, 1949." The guiding princi the production of the Formulary, he

been the well-being of the patient. He ained briefly many of the changes and ted out that the Formulary Committee attempted to define the nomenclature ll sections.

rm of Opticians Censured. — It was unced at a recent meeting of Liverpool utive Council that the Minister of th had decided to withhold £50 from verpool firm of opticians in view of failure to comply with the terms of ce for ophthalmic opticians. The Counad recommended the Minister that the should be severely censured and a subial monetary penalty imposed for ed breaches of regulations. The recomlation had been made as the result of mplaint alleging that eye tests had undertaken by a man who was not a fied optician, although form O.S.C.2 been signed by a qualified optician in mploy of the same firm.

hemists' Golf Results.—The London hists' Golfing Society held its spring ing at South Herts Golf Club on April The leading scores were:—Medal comon for D. & W. Gibbs prize: Mr. G. Carter, 74 (winner); Mr. A. W. el, 74; Mr. B. T. Tisdall, 79. Bogey etition for the Hepburn shield: Mr. V. Daniel, 1 down (winner); Mr. D. s, 4 down; Mr. W. G. Carter, 5 down. atches at Hendon on May 5 the Kertrophy was won by Mr. B. F. Tisdall 4, and the Professor Flint trophy by E. G. Nice (—3). In competitions by the Edinburgh Chemists' Golf at Lothianburn on May 4 the Glaxo was won by Mr. R. F. Muir, 77 (68); prizes (No. 1 section) were won by N. Stephen, 75 (71); with Mr. H. E. H, 85 (76), runner-up; in No. 2 section, inner was Mr. A. Boyle, 94 (73), with s H C. Kirkpatrick 87 (76), and oung 100 (76), tieing for second place. best scratch score was achieved by N. Stephen (75). The Manchester ists' Golf Association held its comon for a prize presented by the capMr. J. W. Kemp, at Didsbury Golf on May 4. The leading returns and ls were: Mr. H. Brindle, 71 (Cap prize); Mr. E. Withington, 71 nd prize).—The final round, Edin Chemists' Golf Club's two-ball winursomes, was played over Duddingston e on May 14. Result: Messrs. G. P. and J. A. Stenhouse beat Messrs. Iveson and A. Boyle 3 and 1.

VISIT TO BARNARD CASTLE.—*Members of the South Shields Pharmacists' Association who visited the factory of Glaxo Laboratories, Ltd., at Barnard Castle on May 4. The party was led by Messrs. M. S. Pearson (chairman) and T. Bell (secretary).*

LOCAL OFFICERS

THE following officers of local branches of the Pharmaceutical Society have recently been elected or re-elected:—

Portsmouth.—*Chairman,* Mr. P. G. Howes; *Vice-chairman,* Mr. F. H. Oliver; *Treasurer,* Mr. G. Tatford; *Secretary,* Mr. H. N. Griffiths, 51 Stakes Road, Purbrook.

Tunbridge Wells. — *Chairman,* Mr. N. A. Nicholls; *Vice-chairman,* Mr. H. C. Chappell; *Treasurer,* Mr. G. Gardiner; *Secretary,* Mr. W. K. Warren, 7 Dorking Road, Tunbridge Wells.

Romford. — *Chairman,* Mr. J. Robertson; *Vice-chairmen,* Messrs. P. G. Jordan and F. W. Paterson; *Treasurer,* Mr. E. V. Thomas; *Secretary,* Mr. K. F. Moorey, 91 Park Drive, Upminster.

Plymouth.—*Chairman,* Mr. A. G. M. Madge; *Vice-chairman,* Mr. V. A. Park; *Treasurer,* Mr. A. Downing; *Secretary,* Mr. L. H. Bryan, 5 Bedford Terrace, North Hill, Plymouth.

Durham.—*President,* Mr. E. G. Richardson; *Vice-president,* Miss. J. Swinbank; *Treasurer,* Mr. F. T. Richardson; *Secretary,* Mr. L. Wood, Woodbine House, Old Hunwick, Nr. Willigton, co. Durham. *Branch Representatives,* the president and secretary, with Mr. W. Low as deputy.

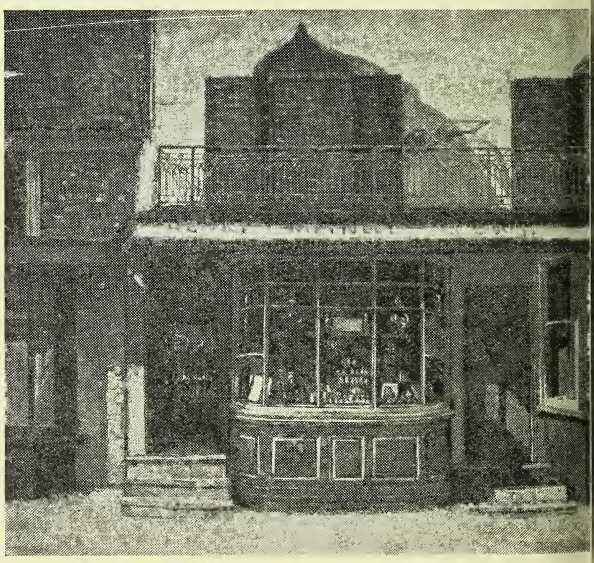
Birkenhead and Wirral.—*President,* Mr. F. J. Nichols; *Vice-presidents,* Messrs. R. Pilkington and J. A. Dewar; *Treasurer,* Mr. C. H. Crawshaw; *Social Secretary,* Mr. J. W. Waterworth; *Secretary,* Mr. R. G. Collins, 53 Christchurch Road, Oxton.

Aberdeen Pharmaceutical Association.—*President,* Mr. W. T. Elder; *Vice-president,* Mr. J. A. Neill; *Treasurer,* Mr. E. S. Stephen; *Secretary,* Mr. W. M. Gillespie, 137 Duthie Terrace, Aberdeen.

IRISH NEWS

Dublin Chemists' Dramatics.—The Pharmaceutical Chemists' Dramatic Society produced Lennox Robinson's three-act play "All's Over Then" in Dublin on May 11, The author was among the audience.

N.I. Pharmaceutical Estimates.—Presenting the estimates for the Northern Ireland Ministry of Health and Local Government on May 12, the Minister said the amount of £1 million for pharmaceutical services covered a full year's payments and was comparable to the previous year's provision of £566,000 if allowance was made for the unavoidable time-lag in dealing with claims. All eligible pharmaceutical chemists in Northern Ireland were participating in the health scheme and 561 chemists' establishments were registered with the General Health Services Board. During the first nine months of the scheme they dealt with over 2,800,000 prescription forms (equivalent to about four times the volume under the former National Health Insurance Scheme), and involving nearly 4 million prescriptions. Each prescription was, or was in course of being, individually priced by the Board's Drug Pricing Bureau, a task of no small magnitude for an organisation so recently established in Northern Ireland. Mr. S. T. Irwin, F.R.C.S. (Vice-chairman of the Board) paid a tribute to the work of the Drug Pricing Bureau. The new Bureau, he said, had been set up in the shortest possible time, and its efficiency brought great credit to the Superintendent (Mr. A. W. Kernahan) and his assistants.



AT THE ROYAL ACADEMY. — *John Cole's painting in oils, "The Chemist, Tenterden." The pharmacy represented is that of Mr. H. Meynell, M.P.S., 32 High Street. A cream facia surmounts the bow window, which is in bright green, picked out in cream.*

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OVERSEAS NEWS

Cyprus Free from Malaria.—The tor of Medical Services, Cyprus, ann on April 4 that the island had bee from malaria and that the anophel quitoes, the carriers, had been des

U.S. Health Bills.—Bills have b troduced into the United States Sen House of Representatives embod national health insurance programm for by the President; hearings on t are expected to last several week programme is being opposed by the can Medical Association.

Medical Supplies for Eastern Eu Supplies of penicillin to the va $330,000 have been made available t the United Nations International Ch Emergency Fund for a campaign launched by the World Health O tion against syphilis, especially am pectant mothers and children, in Slavia, Hungary and Bulgaria.

Penicillin Plant for Israel.—Preli steps have been taken by a financia in Israel, the United States, Swit and Scandinavia, for the large-sca duction of penicillin in Israel, w support of one of the largest U. ducers. The plant, on which the outlay will be about £500,000, w produce other antibiotics.

TOPICAL REFLECTIONS

ational Pharmacopœia

e publication of the first volume, in h and English, of an international iacopœia "before the end of 1949" 2) may prove to be the chief phar- tical event of the year. The 244 selected for "immediate attention" tober 1947 by the Expert Committee e Unification of Pharmacopœias have further investigated, with the result the new book will contain mono- s on more than 180 of them. Appen- comprising tests, doses and so forth omised. It is a matter for satisfaction s country that the chairman of the ittee is Dr. C. H. Hampshire, long ied as a pharmacist who has estab- a position of his own in the practice e sciences associated with medicine harmacy. Under his guidance the t of an international pharmacopœia, iscussed at the International Con- of Pharmacy held in 1867, has at last ed fruition. There is no need to re- late here the chequered history of ng-drawn effort to evolve a satisfac- legree of uniformity in pharmaceu- standards among the participating s. I may remind your readers, how- that in 1885 you printed the main of the draft international pharma- submitted in that year to the ational Congress: that work incor- d 293 drugs and preparations. More e steps towards the compilation of orthcoming book were the inter- al agreements reached in 1902, and 1925 for the adoption of n standards for potent drugs. The e soon to appear is not the final of this collaboration; further publi- s of the same kind are planned. The Committee must be much indebted work put in by its immediate pre- or, the Technical Commission of acopœial Experts set up by the e of Nations in 1938, and the subject article in the *C. & D.* (1938.I.690).

Cloths

eone ought to move a vote of con- e with Mr. H. Noble, whose first ance in your Correspondence section etary of the National Pharmaceutical (p. 651) is concerned with the trivi- f an official ruling about the price e cloths. Of the face cloth it may be affirmed, as was said of the warming pan during the trial of Bardell versus Pickwick, that it is "a harmless, a useful and . . . a comforting article of domestic furniture." What, then, has occurred to necessitate this florid jargon about basic period, similarity and dissimilarity, maximum permitted price and tax-exclusive cost? With such a system, carried to its logical limit, the "non" must come out of "de minimis non curat lex." The harassed retailer, persevering in his reading to the end of the ruling, can find one way of escape from penalty. It appears that if quite unable to say whether or not face cloths offered to him are "dissimilar to any made by the manufacturer in the basic period"—as in most cases, we learn, he will be—a definite course of action is prescribed for him. He has then only to do what he is told according to the latest ruling.

Old-time Medical Practice

The "Pharmacist's Anthology" on p. 632 reminds us of crude notions long current among medical practitioners. Not having at hand any historical note on phlebotomy, the treatment recommended in your excerpt, I am unable to discuss it; but as trepanning is so ancient a practice we may infer that venesection is also traditional from a remote period. What is surprising in reading old medical literature is the discovery that some of the most enlightened physicians of their own times, pioneers in advancing medical knowledge, prescribed remedies which one would have expected them to relegate to oblivion. In "A Treatise of the Gout" Sir Theodore Mayerne wrote (1676 edition): "Vomits are the most precious Prophylactics." A few pages further on he gave the formula for his "Arthretick Powder," to be used "once in a month . . . about the full of the Moon." It reads: "The rasepings [*sic*] of a humain Skull unburyed, and the roots of Tubith, Hermodactyls, Jallop, Sena-leaves, Cream of Tartar, Diagrydium, (i.e.) prepar'd Scammony, Cloves, Ana. ℥j." Plethoric patients were advised to take this medicine, if they expected an attack, one or two days before "the New of the Moon." Mayerne was personally a good advertisement for his skill, as he lived to be an old man. So highly was his advice valued that in extreme age he was sent a lengthy journey by Royal command to report on a patient.

Xrayser

NEW COMPANIES

RICE LANE PHARMACY, LTD. (P.C.).—Capital £100. To carry on the business of chemists, druggists, opticians, etc. David C. Preston, M.P.S., and Perry Morris, directors. R.O.: 78 Rice Lane, Liverpool, 9.

H. L. WADE (CHEMISTS), LTD. (P.C.).—Capital £100. To carry on the business of chemists, druggists, etc. George T. Hooker, M.P.S., and H. E. Wood, M.P.S., directors. R.O.: 147 Ley Street, Ilford, Essex.

TOMLINSON'S CHEMISTS, LTD. (P.C.).—Capital £2,000. To carry on the business of wholesale or retail chemists, etc. James Tomlinson, M.P.S., and Doris J. E. Tomlinson, directors. R.O.: 63 Oxford Road, Burnley, Lancs.

C. MCGLONE, LTD. (P.C.).—Capital £1,500. To carry on the business of chemists, druggists, opticians, etc. Charles McGlone, M.P.S., and Thomas Gogarty, directors. R.O.: 54 Wrotham Road, Welling.

HORSFIELD BROTHERS, LTD. (P.C.).—Capital £10,000. To acquire the business of chemical manufacturers carried on at Mill Lane, Cheadle, Ches, as the Standard Chemical Co. James Horsfield and Joseph A. Horsfield, directors.

J. J. R. ESLICK & CO., LTD. (P.C.).—Capital £3,000. To acquire the business of a chemist and druggist, carried on at 1c Holborn Place, Plymouth. John J. R. Eslick, M.P.S., Blanche M. Eslick, Kenneth G. Eslick, Adeleine Eslick and Alan M. Hunt, directors.

MATTHEW HAMILTON, LTD. (P.C.).—Registered in Edinburgh. Capital £15,000. To carry on the business of manufacturing chemists and druggists, pharmacists, etc. Matthew Hamilton, M.P.S., and Mary Hamilton, directors. R.O.: 44 Glasgow Road, Paisley.

C. W. WOLFE, LTD. (P.C.).—Capital £4,000. To acquire the business of a retail chemist, carried on by Cyril W. Wolfe at 227 Wellingborough Road, Northampton. Cyril W. Wolfe, M.P.S., John H. Beck, M.P.S., and William F. Moss, directors. R.O.: 227 Wellingborough Road, Northampton.

CLARKE & CLARKE, LTD. (P.C.).—Capital £8,000. To acquire the business of a chemist and druggist carried on at 16 Church Street, Greenwich; 44 Church Lane, Charlton; and 125 St. John's Hill, Wandsworth. Alfred W. Clarke and Anna F. Clarke, directors. R.O.: 13 Crescent Way, London, S.E.4.

Company News

DUNLOP RUBBER CO., LTD.—Net profit for 1948 before taxation amounts to £4,967,980, against £4,652,506. Dividend is maintained at 12 per cent., plus a bonus of 3 per cent.

MONSANTO CHEMICALS, LTD. — Application lists opened and closed on May 19 for an offer of 60,000 ordinary shares of 5s. each at 52s. 6d. per share. The holding of Monsanto Chemical Co., St. Louis, U.S.A., has been reduced by the issue from 80 per cent. to 66⅔ per cent. of the ordinary capital, as this company agreed not to apply for any of the new shares.

BIRTHS

EDWARDS.— At 9A Almanythie F d, Peterhead, on April 27, Vida, the wi of John S. Edwards, M.P.S., of a son.

MERCER.—At 9 Rosehill, Dor g, Surrey, on May 10, Constance, the fe of George Mercer, M.P.S., of a on (Nicholas George).

DEATHS

CHAMBERS. — Recently, Mr. Wi m Banks Chambers, M.P.S., Riverside ot- tage, South Kyme, Lincoln. Mr. C n- bers qualified in 1895.

CHEW.—On April 30, Mr. James n- dall Chew, M.P.S., 98 Kensington, I er- pool, 7, aged seventy-four. Mr. C w qualified in 1899.

GLASSPOOL.—On December 1, 8, Mr. Alfred George Glasspool, M.P. 2 The Square, Kenilworth, Warwicks. r. Glasspool qualified in 1899.

GYGAX.—On April 15, Dr. W er Gygax, deputy director of Dr. Wa r, A.G., Berne, Switzerland. He had n thirty years with the company.

HENDERSON.—On December 17, 8, Mr. Andrew Henderson, M.P.S., 1 A tt Gardens, Edinburgh, 11. Mr. Hend n qualified in 1932.

LEAHY.—Recently, Mr. Michael L y, M.P.S.I., The Pharmacy, Kilfinane, o. Limerick.

MASTERMAN.—On May 5, Mr. Fr is John Masterman, M.P.S., Market W h- ton, East Yorks, aged eighty-five.

PRIEST.—During April, Mr. Wi m Priest, M.P.S., 28 Swift Street, Bar y. Yorks.

THOMAS.—On June 16, 1948, Mr. F k Melville Thomas, M.P.S., 109 Wi or Road, Neath, Glam. Mr. Thomas qua d in 1914.

WATSON.—On April 5, Mr. Ruric t- son, M.P.S., The Pharmacy, Deben n. Stowmarket, Suffolk, aged fifty-two.

WILLIAMS.—On April 25, Mr. R rt William Williams, M.P.S., 105 Ba d Road, Hunts Cross, Liverpool, 19. r. Williams qualified in 1927.

WILSON.—At 18 Dalziel Place, E n- burgh, on May 13, Mr. John Robb Wi n, M.P.S., 162 Easter Road, Edinburgh. r. Wilson qualified in 1914.

LEGAL REPORTS

terim Injunction Made Final.—In Chancery Division, London, on May County Perfumery Co., Ltd., Honey-Lane, Stanmore, Middlesex, manufac- of Brylcreem, were granted an in- ion restraining Mr. Philip Mitchell, ng as "Phill's," hairdresser, Mitcham Streatham, from passing off as the any's product a hair-cream not of ompany's manufacture. Plaintiffs had granted an interim injunction on 26 (*C. & D.*, April 30, p. 550). Mr. ell was legally represented on May nd the parties had agreed to treat the n as the trial of the action. Mr. ell undertook to submit to an in- ion and to pay £10 by way of dam- and the costs. The terms as agreed approved.

rework or Poison?—Ellisdon Bros., High Holborn, were summoned at Street, London, police court on May r alleged offences relating to the sale rcuric thiocyanate in a "parlour fire- " known as "Pharaoh's Serpents." were accused of selling a poison con- d in that preparation without the of the poison appearing on the label e container; and without the pre- d particulars as to its proportion to tal ingredients, the name and address e vendor, and the word "Poison." he defence a plea of guilty was en- to all the summonses but it was later rawn at the suggestion of the magis- The summonses were dismissed.

the Pharmaceutical Society it was that a plea of not guilty had been d for, because the Society were us to get the magistrate's decision on her important matter. The point at was one on which there had been a ence of opinion between the Home and the Customs and Excise auth- s. The magistrate: "You want it to test case and the defendants have your plans by pleading guilty?" The ty's solicitor (Mr. Castle) said that was what it amounted to. "Pharaoh's nt" was a small pellet from which, a lighted match was applied, a -like ash coiled up. The pellets were from mercuric thiocyanate, a highly nous substance. The Society had had laints that the pellets were sold to handled by children. Certain goods, ding fireworks, were excluded from Poisons Rules, but it was submitted that the pellets were not fireworks and, therefore, not subject to exemption. He had no information of any fatal accidents, but some child might lose its life. The Society's intentions towards the company were entirely friendly. Answering the magistrate, Mr. Castle said a firework was a pyrotechnic effect created by means of fire. With the pellets a chemical action took place, but there was no burning. It could be described as a chemical novelty, rather than a firework. The magistrate asked why a plea of guilty had been entered, and was informed that it was not proposed to refute any evidence of the analyst. The defendants were sellers, not manufacturers. The magistrate: "The Poisons Act is applied here to something which no one has any intention of eating." Mr. Castle said the view taken by one Government department was that the pellets were subject to purchase tax. The Home Office had said they were not fireworks and could be manufactured without licence. Children under thirteen could be supplied. The magistrate directed a plea of not guilty and in dismissing the summons undertook to state a case to go before the Divisional Court.

Chalk in Sweetmeat.—Sweets on sale as "aniseed rolls" at 8s. per lb. at a Rhyl shop, but which were found on analysis to contain as much as 56 per cent. of chalk, were the subject of a prosecution at Rhyl Sessions recently. The public analyst was stated to have provided for a "liberal allowance" of 3 per cent. of chalk to be used as a dusting agent, so that the sweets were adulterated to the extent of 53 per cent. of chalk. The Maxilin Marketing Co., Ltd., Astley Bridge, Bolton, were summoned for selling "aniseed rolls" not of the substance demanded and for giving a label calculated to mislead. Evidence was given that the sweets were offered for sale in a container bearing the words "aniseed rolls, ten a penny." The inspector who made the purchase asked for ½ lb. The lady assistant said she did not know how much to charge as they were sold at ten a penny, so the inspector suggested she should weigh an ounce, count the number and multiply by eight. She did this, and the inspector had to pay 4s. for the ½ lb. Proceedings were taken directly against the makers. The company was fined £20 and ordered to pay an advocate's fee of £5 5s. and an analyst's fee of £1 1s.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

When Mr. T. F. Hubbard asked the Secretary for Scotland on May 10 the number of applications in Scotland for hearing aids under the National Health Service, the number for whom the only type of Government hearing aid had been proved unsuitable, whether he would make other types of aid available when the Medresco aid was unsuitable, and whether he would make all types of hearing aids available to applicants under N.H.S. on condition of payment of the additional cost, Mr. Arthur Woodburn gave the number of applicants for Medresco hearing aids in Scotland as 6,486 (1,278 issued). Complete figures of persons for whom the aid was unsuitable were not available, but the proportion was estimated at less than 10 per cent. He was advised that the Medresco aid was suitable in its present form for the great majority of patients. Further experimental work was being carried on to develop an additional type to meet the needs of the remainder.

Value of the Pound Sterling

Sir Waldron Smithers asked the Chancellor of the Exchequer on May 10 if it was his policy to devalue the £ sterling, and whether the Chancellor would "make up his mind soon whether he intends to devalue in one, two or three months and so end the uncertainty." Mr. Douglas Jay (Economic Secretary to the Treasury) replied: The Chancellor has already made up his mind that any such step is neither necessary nor desirable.

Wrapped Soaps

Mr. Peter Freeman asked the Minister of Food on May 11 when he intended to issue a regulation making it compulsory for manufacturers to supply washing soap adequately wrapped. In reply, Mr. John Strachey said he appreciated the difficulties of retailers in handling unwrapped soap, but the risk of contamination of food was not sufficiently serious to warrant compulsory wrapping.

Medicine Bottles

The Minister of Health (Mr. Aneurin Bevan) informed Mr. G. R. Chetwynd on May 12 that he had not yet any further statement to make on the subject of making a charge for medicine bottles supplied under the National Health Service.

Horses Used in Sera Production

Mrs. Leah Manning asked the M of Agriculture on May 12 what w current practice as to the inspect horses used in the production of s veterinary purposes, and what step taken to ensure that they were with the same consideration as a furnishing sera for human beings. Tom Williams replied that horse for producing sera solely for vet purposes were not at present sub official inspection, but he was e in preparing (for consideration and sion with interested parties) the d an Order under the Diseases of A Act, 1935, regulating the manufac veterinary therapeutic substances, a cluding provisions relating to the and treatment of animals used for t duction of sera.

Fertilisers and Plant Health

On May 12, Mr. V. J. Collins the Minister of Agriculture to app committee to inquire into the ca increase in plant disease, the possib nection between it and the greater artificial fertilisers, and the compara sults achieved by the Indore and methods depending on the biologica of soil fertility.

Mr. Tom Williams (Minister o culture): No. I am advised that the evidence that the increasing use called artificial manures has had th suggested. I would add that s opinion is unanimous that the s artificial fertilisers should be suppl by the addition to the soil of materials such as dung and compos the ploughing in of grass and swards.

Tax on Medicines

Sir Wavell Wakefield aske Chancellor of the Exchequer on M why Metatone had been exempte purchase tax when other medicina preparations of a similar nature re subject to tax at the rate of 33⅓ pe Mr. Douglas Jay (Economic Secre the Treasury) replied that Metato company with all other preparatio satisfied the same criterion, was from purchase tax because its medi active ingredients were specified in

f the Schedule to the Purchase Tax 5) Order 1948. SIR WAVELL then why mixtures of substances described official monographs named in Part the 8th Schedule to the Finance 948, might be sold free of tax under nd name for dispensing purposes compounds of such substances re- d subject to tax and if the Chan- would take early steps to remove nomaly. To this MR. JAY replied he principle of the exemption was he exempt substance must have the ity of one of the official publica- pecified. In mixtures, the substances d their properties and authority. mpounds might be entirely different aracter from the substances from they were derived and were there- xempt only if they were themselves d in one or other of the official ations.

utation of Profits

ONEL J. R. H. HUTCHISON asked hancellor of the Exchequer when he ed to set up the small independent ttee to inquire into the methods of ting net trade profits and the basis for assessment to income and profits 'As soon as possible," replied MR. IL HALL (Financial Secretary to the ry).

Service (Amendment) Bill

text of the National Health Service dment) Bill was issued on May 13. ill gives effect to a promise made Minister of Health in the House of ons on April 7, 1948, that a whole- alaried service for general practi- would not be introduced without legislation; and to the recommenda- f a committee set up to clarify the of the National Health Service Acts, and 1947, on medical partnerships.

for Medicines

May 16 MRS. LEAH MANNING asked inister of Food on what basis sugar located for the manufacture of medi- preparations; what proportion the ion bore to the amount of sugar ed for sugar confectionery; and r he would arrange for an alloca- sugar to be made to manufacturers dicines who had commenced busi- nce 1939. MR. JOHN STRACHEY re- that sugar was allocated to manu- rs of medicinal preparations mainly percentage of the usage during the year ended June 30, 1939. Allocations fell into three groups: Preparations made according to the British Pharmacopœia or British Pharmaceutical Codex, 135 per cent. of datum; non-B.P. preparations, 90 per cent. of datum; medicinal tablets and lozenges, 105 per cent. of datum. The total allocation of sugar amounted to 12,000 tons a year, which was about 6 per cent. of the allocation to the sugar confectionery industry. A quantity of sugar was available for allocation on the advice of the Ministry of Health to firms in the pharmaceutical trade which had commenced business after 1939 or desired to do so now.

PERSONALITIES

MR. GOMER M. JAMES, M.P.S., Rhyl, (secretary, Flintshire Pharmaceutical Committee) has been re-elected a member of the Denbighs and Flints Excutive Council.

SUCCESSFUL candidates in the recent local elections include Messrs. J. Cheshire, M.P.S. (West Kesteven, Lincs, rural district council); E. D. Glover, M.P.S. (Leeds City Council); W. Jamieson, M.P.S. (Beighton, Derbys, rural district council); W. A. Kinnear, M.A. (Cantab.), a director of Evans Medical Supplies, Ltd. (Liverpool City Council); S. D. Littlewood, M.P.S. (Bebington, Ches, town council); A. Wokes, M.P.S. (Woodhall Spa urban district council).

MR. JAMES CRAWFORD LAMB, M.P.S., has been appointed Provost of Linlithgow, West Lothian. He is a native of Largs, and served his apprenticeship with Mr. A M. Brownlie at Skelmorlie and Largs. Mr. Lamb qualified in 1928 and later went to Ceylon for four-and-a-half years, returning to Scotland in 1934 to manage businesses at Hamilton and Greenock. In January 1947 he acquired a business on his own account at High Street, Linlithgow. He entered the town council in 1940.

PRESENTATIONS were made recently to four persons who have completed twenty-one years' service at the Wellcome Chemical Works, Dartford, Kent. Mr. E. L. Huelin, whose employment dates from February 6, 1928, chose a wristwatch, and Mr. H. Usher, his junior by one week, chose a pocket watch. Clocks were given to the Misses A. G. Morgan and E. M. Griffin. The presentations were made by Mr. P. A. Smith (works director) on behalf of the Wellcome Foundation, Ltd. [Corrected note].

TRADE NOTES

Display Container.—Pharmax, Ltd., the Organ Works, Old Hill, Chislehurst, Kent, have introduced a display container to hold 1-doz. Ralgex.

Dispensing Packs.—The Westminster Laboratories, Ltd., Chalcot Road, Regents Park, London, N.W.1, have introduced dispensing packs (125 and 500 tablets) of Magsilate aspirin chewing sweet.

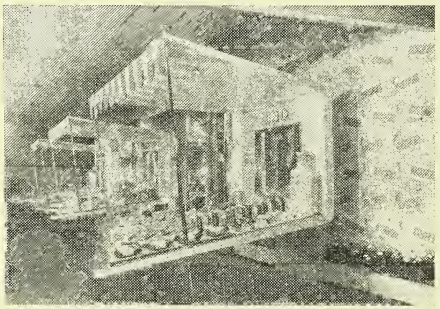
Shopfittings in Birmingham.—Free delivery of shopfittings, etc., within a fifty mile radius of Birmingham is offered by A. F. Corbett & Co., Ltd., 23 Smithfield Street, Birmingham.

Addition to Range.—The British Drug Houses, Ltd., Graham Street, City Road, London, N.1, have added Mycil pessaries to the range of Mycil preparations. The pessaries are issued in tubes of twelve.

Aluminium Hydroxide Gel. — Granville Wood & Co., Ltd., Ascroft Street, Oldham, Lancs, have introduced aluminium hydroxide gel, Granwood. The product is marketed in 8-oz. bottles.

Radium and Radon for Industry.—The Ministry of Supply is making supplies of radium and radon available for industrial radiography. Applications to hire radium or purchase radon should be made to the Ministry's Radiochemical Centre, Amersham, Bucks.

Showstand Design. — Design Research Unit, 37 Park Street, London, W.1, under-



take the design of exhibition showstands and similar structures. An example of the Unit's work is illustrated.

Dispensing Pack.—Thomas Kerfoot & Co., Ltd., Vale of Bardsley, Ashton-under-Lyne, have introduced a dispensing pack for pencillin lozenges, B.P., similar to that for their penicillin ophthalmic ointment. The pharmacist needs only to tear o carton and/or label at the perforati

Pre-packed Conspersus.—Clay & ham, Ltd., 87 Bold Street, Liverpo have put on the market conspersus inis et zinci pro infantibus (cord po N.F.) in a pack comprising six individ wrapped, sterilised powders in one ture-proof transparent-film packet.

Displaypiece.—Shell Chemicals, are supplying a new window display to stockists of Shelltox fly-spray and h

hold insecticide. The design is in red, low and black, providing a striking ground for the red and yellow She packs and sprayer.

Dry Shaver in Free Supply.—Outst ing features claimed for the British-r Buk dry shaver, now available in qua in this country from the distributors, Morrison & Co., Ltd., 3 Bayley St London, W.C.1, include a self-aligning self-honing five-in-one head and self tained on/off switch.

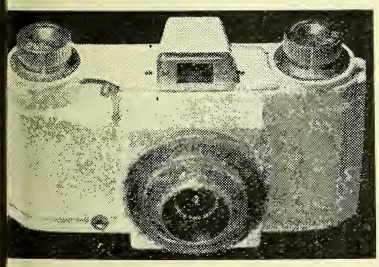
Price Changes.—The Crookes Lab tories, Ltd., Park Royal, Lon N.W.10, announce an increase in the of the 10-oz. tin of Crookes glucose B. The British Drug Houses, Ltd., ham Street, City Road, London, N.1, that new reduced prices for tablets of min C, B.D.H., became operative on 16.—Roche Products, Ltd., Welwyn den City, Herts, announce that new prices for Redoxon vitamin C (*l*-asc acid) tablets came into effect on May New retail prices operate from June 13

Cat Book.—Bob Martin, Ltd., So port, Lancs, are commencing on Ju the distribution of a new edition of the cat book. The booklet (which is for

ustomers) is intended primarily to pub- Bob Martin's cat preparations, but ains much additional material "ap- ed by the highest veterinary and ding authorities."

Ducky" Chamber. — For their re- ly-introduced Ducky chamber for children, which was shown at the British Industries Fair, 1949, Roy Aitken & Co., 48 Dundas Street, Glasgow, C.1, claim that, in addition to appealing instantly to the child, the de- solves major problems. The breast is a deflector directed inwards and nwards so that splashing is obviated. flat, oval base makes tilting and spill- almost impossible, even if the chamber sed in bed. The baby's legs fit snugly nd the neck, giving perfect sitting pos- . The smooth plastic material prevents s. The neck and beak form a handle, hat the pot can be carried easily even the child, and the chamber can be red with hot water.

New 35-m.m. Camera.—The Advocate, ew 35-m.m. camera manufactured by rd, Ltd., Ilford, Essex, is now avail- to chemists. Details of prices may obtained from the manufacturers. The y of the camera is a pressure die-cast- of aluminium-silicon alloy, and the



sh of the outer surface is hard-stoved mel. The apparatus is in two parts, ged at one end and fastened at the er with a clip of special design. The is a Dallmeyer anastigmat, working an aperture of f/4.5, with a depth of d such that, with full aperture and n the focusing ring set at infinity, focus is "substantially sharp" down to 12 ft. Another Ilford camera, the Craftsman, is expected to be in production shortly.

Prize Competitions.—Details are now available of a display competition with cash prizes to a total of £200 organised by the COLLAPSIBLE TUBE MANUFACTURERS' ASSOCIATION, 24 Portland Place, London, W.1.—A. & F. PEARS, LTD., Isleworth, Middlesex, offer cash prizes totalling over £6,000, other prizes of fur coats, and dealer prizes totalling £560 in cash in a competition to promote the company's product Gloria shampoo.

Proprietary Articles Trade Association

Alterations to Protected List (Part 1).—*Forsters (Pharmaceuticals), Ltd.*, Acorza liquidum, 23-oz., 67s. 6d. doz., 7s. 6d. (exempt). Bonus of thirteen to doz.; three-dozen lots, fourteen to the doz.

Wyleys, Ltd., Tonic syrup Nucleomina, 15s. doz., tax 33⅓ per cent., inclusive retail price 2s. 6d.

Allen & Hanburys, Ltd., Alterations, Allenburys glucose D, 22s. doz., 2s. 6d. (exempt).

Lofthouse & Saltmer, Ltd., Losall's salt, 4-oz. size (reintroduced), 10s. doz., tax 33⅓ per cent., i.r.p. 1s. 6d., 8-oz. size (prices reduced), 16s. 6d. doz., tax 33⅓ per cent., i.r.p. 2s. 6d.

Parke, Davis & Co., Vegetable laxative tablets (S.C.T. 564), 100's, 24s. doz., tax 33⅓ per cent., i.r.p. 3s. 8d. (Vials of twenty-five and bottles of 1,000 discontinued).

BUSINESS CHANGES

OSWESTRY INDUSTRIAL CO-OPERATIVE SOCIETY, LTD., has opened a new pharmacy at 34 Beatrice Street, Oswestry.

EVANS MEDICAL SUPPLIES, LTD., have appointed Mr. G. A. Vaggers their representative to chemists in South Birmingham and Warwickshire.

TIMOTHY WHITES & TAYLORS, LTD., have opened a pharmacy at 134 Above Bar Street, Southampton.

MR. I. GELLMAN, B.Sc. (Hons.), has been appointed home sales manager of J. C. Eno, Ltd., Watford, Herts.

THE *Ministry* of Food headquarters is being transferred on May 23 to Dean Bradley House, Horseferry Road, London, S.W.1 (Telephone: Abbey 9030).

FRED STOREY, LTD., manufacturing chemists and wholesale druggists, have removed to 44 Hill Street, Belfast. The company's telephone number (Belfast 23861) is unchanged.

ADELAIDE GREY, LTD., have removed to new premises at 30 Old Bond Street, London, W.1. Orders and other trade communications should continue to be sent direct to the company's factory at Hacche Mill, South Molton, North Devon.

EVANS MEDICAL SUPPLIES (INDIA), LTD., have appointed Mr. T. H. Bennett, M.P.S., as managing director, in succession to Mr. N. McQueen, M.P.S., who is returning to the United Kingdom. Mr. Bennett was formerly manager for South-east Asia.

PHARMACEUTICAL SOCIETY OF IRELAND

THE May meeting of the Council of the Pharmaceutical Society of Ireland was held in Dublin on May 10, Mr. P. A. Brady, president, in the chair. Other members of the Council present were Messrs. T. C. Scott (vice-president), J. Gleeson (treasurer), G. C. O'Neill, P. C. Cahill, C. J. Cremen, M. Power, C. D. O'Shea, H. P. Corrigan, T. B. O'Sullivan, P. Fullam, J. P. Kissane, F. X. Meagher and Senator F. Loughman. Apologies for absence were received from Messrs. R. Daly, P. Brooke-Kelly and J. A. O'Rourke.

The Reports of the House, Law, Schools, and Education Committees were submitted and approved. The Council decided that the British Pharmacopœia, 1948, will be obligatory for all examinations from April 1950.

THE REGISTRAR (Mr. James G. Coleman) reported on the deaths of Messrs. J. J. Burke, M.P.S.I., and M. Leahy, M.P.S.I. Miss Mary B. Hogan and Messrs. Nicholas Mockler and John T. McLoughlin were elected members of the Society, and the following were nominated for membership of the Society: Mr. John T. Foley, Ph.C., 63 Clontarf Road, Dublin; Mr. Martin J. Fahy, Ph.C., Kilfinnane, co. Limerick; and Mr. Thomas Cahill, Ph.C., Main Street, Castlebar, co. Mayo. The following changes of address were notified: Mr. T. Cahill, L.P.S.I., from Ellison Street, Castlebar, to Main Street, Castlebar, co. Mayo; Mr. J. J. Cassidy, M.P.S.I., from The Medical Hall, Achill Sound, to The Medical Hall, Keel, Achill, co. Mayo; Mr. . J. Fahy, L.P.S.I., from Agricultural S on Athenry, co. Galway, to Kilfinnan co. Limerick; Mr. J. T. Foley, L.P.S.I. om 136 Parnell Street, Dublin, to 63 Cl tarf Road, Dublin; Mr. T. M. Mc ney, M.P.S.I., from Dunkellin Street, Lou rea, co. Galway, to Glengariff, co. Cork Mr J. T. McLoughlin, M.P.S.I., from G ree, Bonniconlon, Ballina, co. Mayo, to dge Street, Ballina, co. Mayo; Mr. D. lli- van, L.P.S.I., from 30 Leitrim Street, ork. to 9 Sheares Street, Cork.

The Examiners reported that sixty ree candidates sat for the recent Licen ex- amination, including thirty-five me nd twenty-eight women. Twenty-one di dates passed, five were referred in ar- macy, and one obtained the Assi nt's qualification. Nine women and lve men passed. No candidate obtained h urs though the average pass-mark of th uc- cessful candidates was 189. The exa er to the recent Assistants' examinatio re- ported that fifty candidates sat for t ex- amination, comprising thirty-three w en and seventeen men. Twenty-five cand tes passed (fifteen women and ten men)

At the conclusion of the business c he agenda the Council discussed in com tee educational problems. At a meeting he Benevolent Fund Committee held aft cil Council meeting the thanks of the C so- were tendered to the Mayo Chemists' A ciation for a donation of fifteen gui nt. number of grants were passed for pay

NEW WAGE-SCALE IN ULSTER

A REVISED scale of wages, effective from May 30, was approved between the Ulster Chemists' Association and its Associates' Section at the May meeting of the Executive, Miss C. E. Culbert in the chair. No changes have been made in apprentices' pay, but increases have been given to all other full-time categories. There is no change in the terms and conditions of employment. Wages for unqualified assistants now range (in annual rises of 10s.) from £3 15s. in the first year after completion of apprenticeship to £5 5s. in the fourth. For Assistant Pharmaceutical Chemists the scale is from £5 to £7 15s. after four years. Wages payable to a Pharmaceutical Chemist are to be computed according to the number of years he or she has worked in pharmacy, and not on the number of years since qualifying. The new scale for other gories is:—

	Shops with two or fewer full-time employees	*Shops three or full-t emplo*
Managers and branch managers	£8	£8
Managers for Executors	£8 10s.	£9
Ph.C. superintendents of limited companies who are directors ...	£9 15s.	£10

Some members are stated to be al paying higher wages than the ex scale, and the new increased scale p no obligation on such employers to a corresponding increase above the standard scale. For unregistered (fe shop assistants in pharmacies the new is £1 5s. at age fifteen, rising by

to £2 15s. at twenty-one and £3 15s. venty-five. The Executive Committee nmends that no new male unregistered ant should be admitted to pharmacy May 30, 1950.

s During Illness

the view of the Committee no cus- exists in retail pharmacy in Northern nd imposing an obligation on an em- r to pay wages to an employee dur- the period of an employee's illness e the contract of service entered into the employee makes no provision for payment, or unless a special arrange- is made. Where an employer at pre- pays wages during illness and desires scontinue the arrangement he should into a new contract of service with nployees.

was reported at the Executive's meet- hat a donation of £50 had been sent the Association to the Chemists' ration's publications and propaganda Mr. H. W. Gamble, Ph.C., 250 kill Road, Belfast, was nominated to as employers' representative on the Ministry of Labour Tribunal in suc- n to Mr. J. C. Acheson, who has ed. The following were elected to bership of the Association:—Mr. W. IcCullough, Ph.C., successor to A. lee, Ph.C., Templepatrick; Donaldson Lee, Ph.C. (branch shop), Donemana, Tyrone. The following who had been ved at a previous meeting of the iates' Committee were elected to As- teship:—*Apprentices:* The Misses R. unningham, C. J. McCurry, A. M. roy, Messrs. M. G. Bradley, P. J. n, D. Murray and D. J. T. Wilson.

N .W.P. "MEMBERS' NIGHT"

RIES of short talks by members were at a meeting of the National Asso- n of Women Pharmacists in London tly. Mrs. J. Gilbert (vice-presi- Leicester Branch), speaking on recent nces in therapeutics, referred to the pernicious-anæmia factor and to the t introduction of an intravenous in- n of iron for the treatment of the deficiency anæmias where oral ad- tration of iron could not be tolerated. N. G. H. Hobson compared the h service in her native New Zealand the National Health Service in in. In New Zealand there was no al prescription form and doctors could prescriptions on any odd piece of paper. The patient had to sign the back of the script, adding his address and the date of receipt of the medicine. A doctor could telephone a prescription, the chemist obtaining a signature at a later date. Proprietary preparations could not be ordered as a "charge on the fund" except where there was no alternative. Miss E. F. Hayward (vice-president of the Association) described her "Unusual Experiences in Retail Pharmacy." The work of a pricing office was described by Miss D. Murgatroyd.

N.P.U. EXECUTIVE

MEETINGS of the Executive of the National Pharmaceutical Union and of the directors of the Chemists' Defence Association were held in London on April 26 and 27, when the following officers were elected for the year. *Chairman,* Mr. J. Hearle; *Vice-Chairman,* Mr. H. B. Coulson; *Treasurer,* Mr. A. R. Melhuish. THE CHAIRMAN paid tribute to Mr. G. H. M. Graham (the retiring chairman) who had held office for the past two years, and the Executive unanimously passed a resolution placing on record its appreciation of the work done by Mr. Graham during his term of office, particularly as a member of the working party set up by the Ministry of Health just prior to the inception of the National Health Service. Before relinquishing office, MR. GRAHAM extended a welcome to Mr. H. Noble upon taking up his duties as secretary of the National Pharmaceutical Union and its allied organisations, and to MR. L. H. TEARE, who had been elected to fill the vacancy on the Executive caused by the resignation of Mr. H. H. Marshall.

The customary subcommittees and representatives to other organisations were then appointed. The Committee considered what steps should be taken to mark the retirement of Mr. G. A. Mallinson from the secretaryship of the Union and a special subcommittee was appointed to investigate the matter more fully and report back. Mr. Mallinson was elected an honorary member of the National Pharmaceutical Union (the appointment is the first under the rule providing for the appointment of honorary members).

The secretary reported upon a meeting of a National Chamber of Trade subcommittee on purchase tax which he had attended on April 14, and on action he had taken concerning a paragraph that had appeared in a popular Sunday newspaper referring in sensational terms to N.H.S. prescriptions and drug addicts.

FEDERATION OF BRITISH INDUSTRIES

Outgoing President's Address at Annual Meeting in London on May 1

At the annual meeting of the Federation of British Industries held in London on May 11, Sir Frederick Bain (retiring president) said that the Federation stood to represent the views of industry to whatever Government might be in power, and to do what it could to safeguard the interests of industry and of the nation from the effects of ill-considered policies and harmful measures. He believed that it would be jeopardising the true function and impairing the authority with which in all quarters the Federation was acknowledged to speak for it to become involved in questions that had a purely party political significance. But the nationalisation of a great basic industry such as steel, vigorous in development plans, efficient in conduct, alive to the need for research, and enjoying harmonious relations between managements and workers, was something transcending party politics. Other important industries appeared to be similarly threatened.

Protest Against Nationalisation

The Federation, said Sir Frederick, would be betraying its trust if it failed to raise its voice in protest. Privately owned industry was, in general, fully alive to its national responsibilities, whether economic or social. Many of the Federation's own activities during the year just ended testified to the willingness of industry to work with the Government in directions in which the national interest was believed to lie. He challenged those who advocated nationalisation of industry to cite any instance from the post-war years in which privately owned industry had attempted to thwart the achievement of national objectives or had disregarded its national responsibilities. Unless and until privately owned industry could be shown to have failed the nation, he maintained that, in the country's present critical economic condition, and faced as it was with problems of infinite complexity and magnitude, to disturb a mechanism that had served the country well in war and in reconstruction was to court disaster.

It was vital to Britain today to exercise ingenuity, react flexibly to quickly changing circumstances, and show energy and speed in judgment and action. Those were the qualities of private enterprise. The problem was becoming more than ever one of selling in a world that itself was growing yearly more capable of supplying its n wants, and which was rapidly overta g the arrears created by the war. Of e alternative forms of organisation—priv y owned industry in its thousand forms, d the giant public corporation—which w d be the quicker to adopt novel expedi s, make quick decisions, act on the op r- tunity to develop a new product and e the risk of its failing? The privately ov d enterprise whose management was dir y responsible for success or failure, or e great public body whose main efforts st be devoted to supporting its own we t, and which could, as a corporation, n r feel the spur of failure? If more of e general public realised the complexit of the task facing those who manage a l i- ness and the kind of qualities of char r and mind which the businessman st have to be successful, there would at st be a fair basis on which to judge the o- propriateness of the two rival form of organisation. Several bodies were alr y engaged on that work of education. e Federation itself, following a succe l conference on publicity held in Decer r 1948, was studying the relations t should exist between industry and e Press. How many people, asked e speaker, realised that, even where a b - ness distributed not a penny of its - fits, but wished to put the whole to - serve, it was able to do so only after p - ing income tax at 9s. in the £ and pr s tax at 2s. in the £? The undistrib d profits of industry were its stored - blood, which must be there to be dr on to keep the business alive, let alon enable it to expand. It was not regar as remarkable that a firm should l stocks of raw materials or fuel. Undi - buted business profits played an analog function.

Opportunities to Educate the Public

Industrialists were increasingly reali that, if such ignorance was to be dispel it was they who had the best opportuni for making the attempt. The days w fast approaching when Britain would h to revise her thinking. For ten years had lived under conditions in which c had been secondary to production. T time was near when once again she m fight for her life in a competitive wo The gravest internal danger was inflati Because this was recognised, the Fede

had supported the Government's pol- of restraint, as laid down in the White r on Personal Incomes, Costs and es. A notable response had been given he appeal to industry in 1948 to re- t voluntarily the distribution of divi- ls, and he felt sure the great majority d continue to show moderation.

d for up-to-date Machinery

was evident that, as and when indus- ists were able to replace their old plant machinery, it would cost them a great more than they had paid for the Depreciation and obsolescence allow- s would have to be supplemented from stributed profits, since those allow- s had been calculated upon the cost e old machines. The cost of financ- stocks had also greatly increased. The ncellor had been urged to recognise hardship existing taxation rules im- d on industry, and the speaker wel- ed the inquiry the Chancellor was in- ting. If costs were to come down, y help and encouragement should be n to industry to install the most up- ate plant and machinery, and to main- its working capital. He had just re- ed from a visit to the United States Canada. Everywhere he went he had d the same story: "British prices are high." It was essential to have an oritative comparison of the relation- and make-up of British prices in the ted States and Canada with the prices competitive goods in those countries. members did not need to wait for the ey to realise that, for considerable sec- s of British industrial production, prices e not competitive. Some elements of were outside members' control. Many materials were bought centrally by Government, and there was little bt that the result had been, in a num- of instances, that more than the world e had had to be paid for them. In- sed Government expenditure had ed to the cost at which industrialists ld afford to sell their production. The vernment had, during the past two rs, issued a courageous series of Econ- c Surveys; the natural and inevitable llary should be a thorough and ob- ive survey of Government expenditure, there was a direct responsibility on ustry for the costs which industry could lf affect. By common agreed action be- en management and labour productiv- could be increased even with present dequate equipment. During the next two years there would be still greater and continuing demands on the energy and ability of those who directed and managed industry, and a need for closer collaboration between management and workers.

Anglo-American Productivity Council

Sir Frederick said his colleagues and he had just returned from the second session of a joint Anglo-American Council set up to see what help British industries could derive from the practice and experience of American industries in the matter of productivity. They had already seen enough to know that, despite very different market conditions, there was much for British industries to learn from American practice. The Council was opening up channels of inquiry and suggesting areas for examination; it must be the task of individual industries to decide how to adapt American experience to British conditions. There remained the problem of closing the dollar gap. Unless the gap was closed by 1952 Britain—and Western Europe as a whole—would be driven to lower levels of industrial activity and lower living standards.

FIFTY YEARS AGO

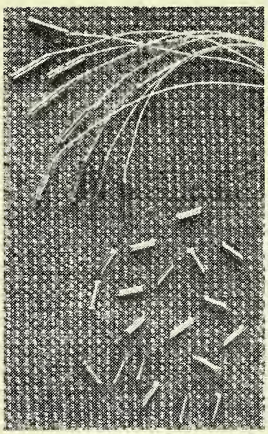
Reminiscences of an Examiner

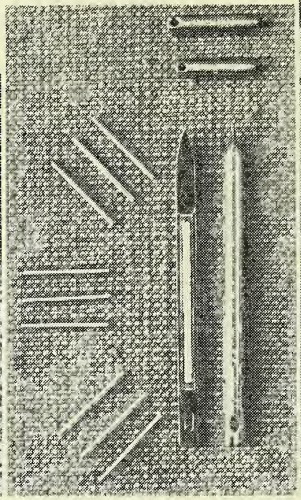
(*From the C. & D., May* 20, 1899)

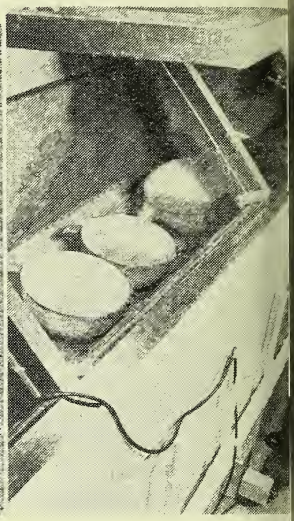
It was a study in physiognomy to observe the countenances of the candidates when the result of the examination was announced to them. The great majority of the unsuccessful men received the announcement manfully, but it was easy to read in their faces the whole gamut of emotion—from mere stolidity to the most acute and bitter disappointment. Some there were who would have a grievance against an examiner or against some part of the examination, and who would persist in arguing the point until repression became necessary, and a few there were—a very few, I am glad to say—who denounced in strong language the board and all its works as a swindle. Of the successful men there were very few of such phlegmatic temperament as not to betray by the beaming of their countenances their intense satisfaction. The faces of some were really transfigured by their elation. In some extreme cases this elation was manifested in such an effusive and demonstrative manner as to become embarrassing, and to require repression as in the other case—only, however, to be renewed in the form of shouting and capering as soon as the man was outside.

1. *Some of the finished products of the Centre.* Left: *At foot, Radon "seeds" (length ¼ in), and, above, seeds enclosed in platinum cases with silk threads attached.* Right: *"Cells" containing radium, and radium needles. One of the needles is sectioned to show the compartment in which the cells are placed.*

2. *A stage in the refining of the Centre by the process Madame Curie. The operat by a 4 in. thick lead wall, on the fractional crystallisatio bromide.*



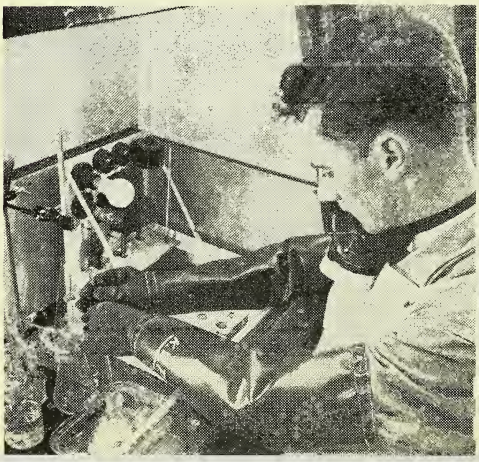


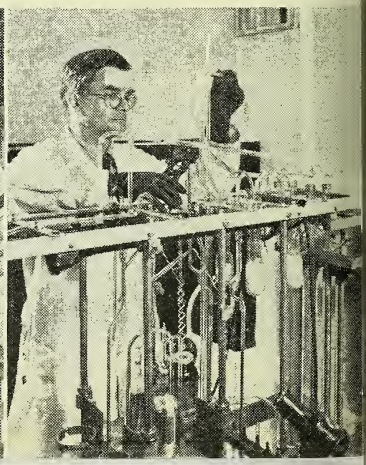


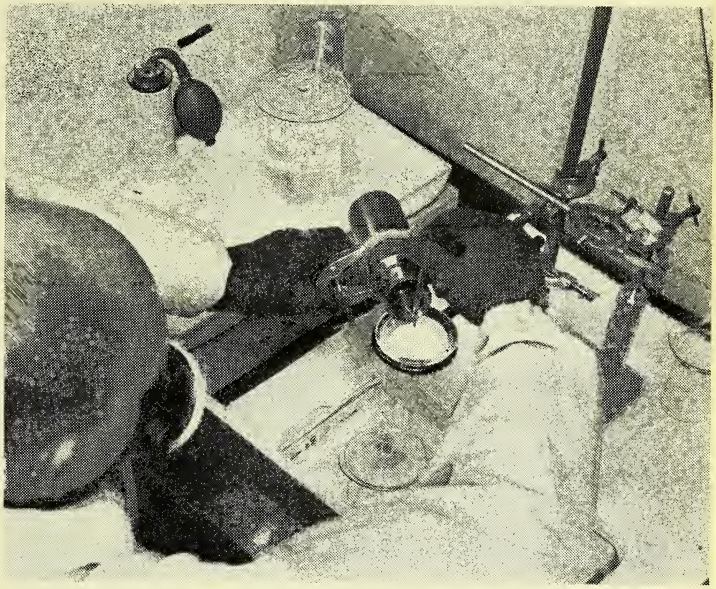
RADIOACTIVE SUBSTA

4. *Radium sulphate (precipitated from the radium bromide solution and subsequently further treated) is being handled, as an aqueous suspension, for centrifuging into the final radium tubes.*

5. *Filling an evacuated gold tube with ra is drawn from the lead-bricked safe 4 gm. of radium (right), through dry into the zig-zag tube (centre) immerse air. The condensed radon is then delivered into the gold capillary tubin operator is shown removing with a cutting and sealing device.*



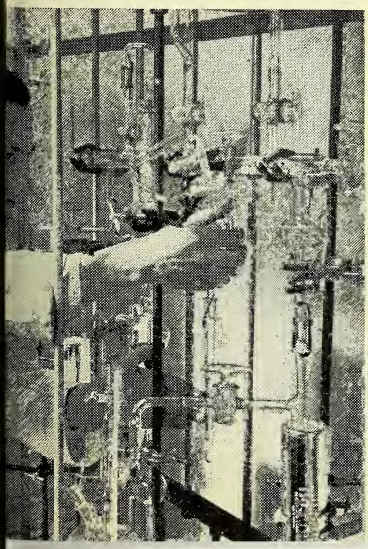




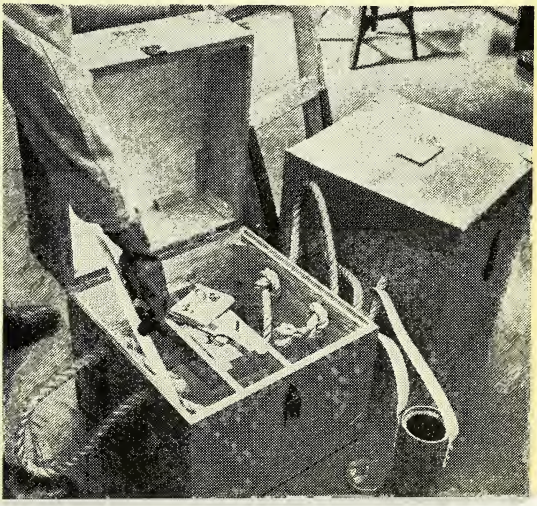
*process in the pre-
n of radium sulphate
ue. In the specially
d mortar (held in
t hand) the operator
ushed a tube con-
radium bromide
he plunger-type pes-
hown held in the
(right). He has
d the salt in water,
filtering the solution
om glass fragments.
rs a resiprator (pro-
against radium bro-
dust), and rubber
ive clothing, and
ts the operation in
draughted fume-cup-
behind a lead-wall*

HE AMERSHAM CENTRE

*stment is made to the high-vacuum
sed for producing isotopic carbon di-
ated from a carbonate containing ^{14}C.
directed to any desired part of the
y cooling that part with liquid air.*



7. For transporting Radon seeds by road or passenger train, the seeds are placed in the centre of a lead box supported in the centre of the wooden case. The cases are coloured yellow and clearly marked.



WORK OF THE RADIOCHEMICAL CENTRE

A member of the *C. & D.* staff visits laboratories at Amersham, Buc , at which radioactive materials are prepared for medical purpo: .

COMPLETED in March 1949, the Radiochemical Centre, Amersham, Bucks—the first of its kind to be built in Britain—is devoted to dispensing radium, radon gas, and artificial radioisotopes (usually as sterile solutions) for medical and industrial uses. The laboratories, which are administered for the Ministry of Supply by Thorium, Ltd., may be said to have grown from pharmaceutical stock, for the company was formed in 1914 by Hopkin & Williams, Ltd. (at that time exclusively owned by Howards & Sons, Ltd., Ilford, and under the managership of the late Mr. Edmund White, a former president of the Pharmaceutical Society) for developing the concessionary rights of monazite sand, a source of thorium. The company expanded its activities in the rare earths field, and when, in 1946, the Ministry purchased the company's assets at Amersham, the radium department became the nucleus of the present Centre. Under the chairmanship of Mr. Geoffrey E. Howard (chairman of Howards & Sons, Ltd.) the company acts as the Ministry's managing agent at the Centre.

First Task

One of the first tasks before the Radiochemical Centre in 1946 was to make good, with the co-operation of Johnson, Matthey & Co., Ltd. the deficiency in radium equipment and supplies that had developed during the 1939-45 war. A substantial programme of re-equipment, estimated to require five years for completion, had been drawn up by the National Radium Commission. With the development and help of the Radiochemical Centre, however, the programme has been virtually completed within two years. That effort has necessitated handling radium at Amersham on a scale far greater than had been attempted previously in this country, and for radium beam units alone no less than 80 gm. of radium (almost one-tenth of the estimated total quantity of radium in use throughout the world in 1939) has been prepared for use. In addition, with the aid of newly devised mechanical processes, some 6,000 platinum cells, each containing about 1 mgm. of radium sulphate for loading into radium needles (see illustration 1, p. 675) have been made at the Centre since November 1946. The Centre is also responsible for the cus y and maintenance of the Governm s stocks of radium, and it has manufact d some appliances for export.

Handling the Radium

Most of the radium used in the lab tories is imported, but some is refine t Amersham by a process devised by Mad e Curie. The preparation for issue of rad sulphate from the bromide involves refi gravimetric techniques—so highly refi , in fact, that the company (under the m agement of Dr. W. P. Grove) is exp menting, successfully, in employing r technical operators and training them the techniques of handling dangero y radioactive substances. All parts of e process are carried out in well draug d and lead-screened fume cupboards. tubes containing the radium bromide e cracked in a special mortar, and extra d with boiling water. The sulphate, whic s pale buff ("off white") in colour is t precipitated with sulphuric acid, filte , ignited in a double crucible, and brus d for weighing on to a platinum boat. e brushing takes place under a tr parent plastic dome within the cupbo d (an extra precaution against radioac e dust contamination). For large quanti , the weighed material is transferred camel-hair brush and an ingenious r ming device into a plastic bottle (abou x $\frac{1}{8}$ in. in size), the operation again tak place under a transparent dome. The b and bottle are handled with long forc The bottle is then transferred to a pl num-iridium container, sealed mech cally, and photographed for evenness distribution. For smaller quantities, sulphate is centrifuged from a suspens into platinum cells, and the cells are sea mechanically with gold solder. In soldering department the repair of retur damaged needles is also undertaken. workers wear protective clothing which cludes rubber overalls and thick rub gloves. Where contamination with dus possible, respirators are worn.

Dispensing Radon

Radon, a gas continually given off radium and possessing the γ irradiat of radium, though with a half-life four days against the 7,000 years half-

adium itself, is an important product he Centre. It is dispensed in sealed ds" of gold tube, measuring about 1/24 in. Partly because of the small of the container the gas provides often best method of treating tumours of the ue, lips and similar sites. Since the become inactive comparatively lly, they may often be permanently in the patient, thereby avoiding a d operation.

ter a length of evacuated gold tube been filled with the gas (see illustra- 5, p. 672) the tube is sealed and cut "seeds" in one operation by a mach- devised and made in the laboratories. length of the seeds is adjusted to give required activity, and they may then ealed mechanically into platinum con- ers. Before dispatch the activity of each is tested with a Geiger-Müller counter nsure that, at the time the surgeon it, the activity of the contents will have away to that required. When ordering n seeds the surgeon specifies (on a ial order form), the number and activity he seeds he requires and the time at h he intends to operate. Each requisition eated by the laboratory as a separate r, the work being planned to satisfy activity and time specifications. For t journeys, the seeds are sent by van; others, the work of the laboratory has e planned around carefully worked- train times, the surgeon being notified which train the products will be sent. transport, the seeds are placed in the re of a lead box mounted in a wooden e, the whole being enclosed in a den box of sides 2 ft. in length (illus- on 7). The boxes are coloured orange are clearly marked. As the Centre is -profit-making, the seeds are sold at price.

he present radon extraction plant, first into operation in October 1948, has ady supplied some 10,000 seeds to itals throughout the country.

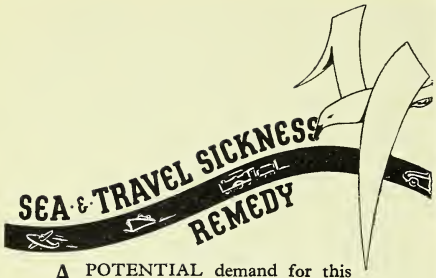
ificial Radioisotopes

One of the laboratories at the Centre is cerned entirely with work on artificial oisotopes, and among the processes ducted there is the dispensing in rub- capped vaccine bottles of sterile solu- s of the compounds for injection. The ducts handled by the laboratory are ilable only through the Medical Re- ch Council. Although no substantial ntity of radioactive carbon is available from the Harwell piles, a start has been made on the synthesis, using material obtained from America. During the past year the isotopic compounds prepared in- clude methyl alcohol, methyl iodide, sodium acetate and bromoacetic acid. Press visitors were shown a sample of sulphur that had been bombarded in an atomic pile and so partially transmuted to radioactive phosphorus. From it that isotope is extrac- ted by melting the sulphur and extracting with water. The radioactive acid-solution so produced is converted into sodium phos- phate. After the activity has been deter- mined with a Geiger-Müller counter, the salt may be used for preparing injections. The laboratory also handles radioiodine.

Safety Arrangements

To safeguard the staff and the public against contamination with the radioactive substances handled in the Centre, thorough precautionary measures are taken. A high ventilation rate (1 ton of air per minute) is maintained throughout the laboratories, while all surfaces are smooth to minimise the adherence of dust. The ventilation exhaust is passed through electrostatic pre- cipitators to remove traces of radioactive dust, while all liquid effluent is "moni- tored" (by Geiger-Müller counter) and stored, if necessary, before disposal. The Centre is divided into three sections, in- dicated by a colour scheme (red for the laboratories in which highly radioactive work is conducted). Each worker wears a coloured tag showing the section in which he works. Though the aim of the health regulations is to prevent illness due to radiation, regular health checks are con- ducted. These include general medical examinations; hand and finger examina- tions (as signs of radiation damage shows early in these parts of the body); and ex- amination of the breath (a breathing-bag sample) for the presence of radon. Charts are kept for each worker showing the fre- quency of his examinations. Monitors placed about the buildings detect any un- due amount of radiation, while in addition each worker (and visitor) carries a strip of photographic film, from which on develop- ment the degree of exposure of the person to radiation can be determined. The health precautions are so efficient that working in this potentially dangerous laboratory is amongst the safest of occupations.

Although no pharmacists are at present employed, it is thought that as the work develops, pharmaceutical help will be re- quired. The laboratories are in need of staff to make up the full complement.



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CLI MAY 21, 1949 No. 3613

itish Radioactive Materials for Medicine

IN may be justly proud of the radio- cal centre at Amersham, recently n open to Press visitors (see p. 674), he pharmaceutical industry may take no small distinction to have been ated with the Centre's inception and with its management. A creditable vement that the Centre has already ed is its part in reducing the estima- ime for making good the post-war t in medical radium equipment and ies from five to two years, despite the hat during this time the Centre was in process of being built. The Centre fact, a product of the war for in early days of the war the present ging company undertook for the try of Aircraft Production to estab- a small refinery (at Amersham) for ng radium concentrates to help in- e the output of radioactive luminous ound for use on aircraft instruments. radium department formed the us of the Radiochemical Centre when Ministry of Supply bought the com- s assets at Amersham.

e administration of the laboratories ars to be a practical and useful com- ion of State and private enterprise. cost of the special buildings, equip- and upkeep of such a centre is enor- , and without financial resources of ar proportions the development of an rtaking such as exists now at Amer- would have been impossible. It is noteworthy that the Centre's products are available on a non-profit-making basis.

As the centre is concerned chiefly with the supplying of goods on order many of the tasks undertaken tend to be repetitive and it is notable that certain operations, such as in the preparation and packing of radium salt, which would normally be regarded as almost incredibly refined gravimetric techniques, can be undertaken successfully by non-technical workers (for example former shop assistants) who have the necessary patience and dexterity, and who are trained in the technique of handling dangerously active material. The work of the centre throws a new light on the meaning of "dispensing" and though the dispensing which is undertaken there is likely to be limited, at least for a considerable period, chiefly to physicists and physical chemists, it is encouraging to note that as the work expands in scope the employment of pharmacists at the centre (which at present needs staff) may become desirable.

Counsel's Opinion on Tax Liability

A FORM of procedure agreed upon by the Chancellor of the Exchequer for reaching decisions in certain types of dispute over the liability of goods to purchase tax should do much to eliminate possible causes of friction between traders and the Commissioners of Customs and Excise. The procedure has been discussed with the Federation of British Industries, National Union of Manufacturers, and Association of British Chambers of Commerce. Under it the parties to the dispute will jointly take the opinion of an independent member of the Bar selected (by agreement between the trader and the Commissioners) from a panel nominated by the Attorney General (in Scotland by the Lord Advocate and in Northern Ireland by the Attorney General for that territory). Counsel's fees will be shared equally between the trader and the Commissioners. The method will be applied in cases where the trader agrees to the course being adopted and where the Commissioners are satisfied that the dispute does not involve a substantial amount of revenue or a point of principle. Where the Commissioners are not so satisfied, or

the trader does not agree to make such a submission, it will still be open to either party, as at present, to test the matter (by seeking a declaratory judgment) in the High Court—in Scotland, by an action declarator in the Court of Session—or by taking, or defending, an action for recovery of tax. The innovation is intended to provide an inexpensive, informal and speedy means of obtaining an independent and authoritative opinion on the proper interpretation of the Purchase Tax Schedule, or on the proper rate of tax applicable, when traders take a different view from the Commissioners and the matter does not involve a major issue. The new procedure will not apply to disputes as to value, for which an arbitration procedure is already provided. Nor will it affect applications for relief from purchase tax such as can be granted only by amendment of the statutory Schedule; or the practice of the Commissioners to take the advice of specialist trade associations on technical aspects of the interpretation of the tax schedule. The system came into effect on May 11.

War on Anopheles

Good news has been received concerning campaigns being waged against the mosquito carriers of malaria, with the help of insecticides, in two British Colonies. The mosquito-eradication measures in Cyprus (see comment, *C. & D.*, 1948.II. 377), for example, have now achieved complete success, and the Island has been officially declared free from malaria and from the anopheles mosquitoes, carriers of the disease (see p. 660). The achievement is an apt reward for the thoroughness, and, often, the courage with which the local workers have applied the eradication measures. As not all the species of anopheles in Cyprus are necessarily frequenters of houses, search and attack had to be made in caves, tombs, tree trunks, etc., while occasionally ("British Medical Journal," April 30) workers had to approach breeding or sheltering places lowered by ropes down cliffs or mountain sides. The larvicides used during the campaign were chiefly solutions of DDT (3-4 per cent. in gas oil). Malariol, Paris green and simple fuel oil were sometimes used, and latterly, for buildings with hig ings, DDT and benzene hexac smokes. Delays in the receipt of lar were among the difficulties that had overcome during the three-year cam Maintenance work appears now to that is left for the campaign in Cyp

Matching this achievement in that is a drive against disease-bearing in British Guiana. In "Corona Journal of H.M. Colonial Service) p. 14) Holman reports that 90 pe of the population are now receiving protection, and no *Anopheles d* (the malaria carrier) can be found tricts that have been under treatme two or three years. In a typical parasite rates have been reduced 40 per cent. to 3 per cent. in three and spleen rates from 70 per cent. per cent., while improvement in g health may be reflected in the do of the birthrate in Georgetown sin commencement of the DDT campaig *Anopheles darlingi* is "very domestic in the colony, the spraying proce been concentrated on the interi buildings. A 5 per cent. solution of in kerosene, or a suspension of DDT table powder has been used accordi the type of surface to be treated, ar process was adjusted to give a d of approximately 150 mgm. per s A cottage can be treated in minutes. The spraying, which has compulsory, was repeated at interv eight months. Complaints of damage been negligible.

During the course of spraying *ægypti,* the vector of yellow fever has eradicated from the bigger towns i colony. The mosquito *Culea fatigan* transmitter of filariasis) has proved resistant, but its numbers have bee duced by about 80 per cent. in the vi treated. The campaign has also e ated large numbers of other domest sect pests that are extremely troubl in the tropics. The author warns t malaria returns later, through ca DDT control, it might prove serious population that had lost tolerance t disease. He hopes the cost of insec spraying may be reduced.

JOINT PRICING COMMITTEE'S REPORT

PORT just issued by the Joint Pricing nittee for England says that the nittee, which met for the first time on 15, 1948, consists of—*Elected by tive Councils:* London, Mr. F. G. ; Central, Mrs. C. Griggs; East an, Mr. G. F. Deeth; North-east nd, Mr. T. Allsop; West Riding, Mr. Halliwell; North of England, Mr. orris; Lancashire, No. 1, Mr. A. C. C. tson; Lancashire, No. 2, Mr. Jos. A. ; South-west Lancashire and Ches- Mr. W. Gill Hodgson; West Mid- Mr. G. A. Short; South-western, W. Deacon; South-eastern, Messrs. French and J. T. Pyne. *Representing pharmaceutical profession:* Messrs. Sparshott, T. Heseltine, G. H. M. m and P. Dobson. *Representing the al profession:* Dr. E. Lewis Lilley deceased and succeeded by Dr. J. n). Mr. W. Gill Hodgson is *Chairman* Mr. T. Allsop, *Vice-chairman.* Mr. A. Speed acted as *Secretary* until the ntment on November 1, 1948, of Mr. aigh, M.P.S., as *Clerk.*

Accommodation

vestigation, says the report, quickly led serious deficiences in the pricing e. From various causes, staffs were quate to cope with the volume of and office accommodation was often bad or insufficient. Many bureaux in arrears with the work, one so much months. Energetic measures were re being taken to cope with the situa- New and adequate premises have been ed for the Leytonstone, Birmingham, n and Smethwick bureaux, and nego- ns are in progress for the acquisition w or additional accommodation for London, Durham, Sheffield and Man- er bureaux. Alternative accommoda- is being sought for the Liverpool and on offices. Additional staff is being ited and trained as quickly as pos- (but on an average a pricer needs e months' training), and, to make pric- worthwhile career which will attract ight type of a girl, a revised scale of neration is being sought.

cope with the volume of work re- d during the first six months of the onal Health Service, a modified form mputing chemists' accounts was intro- d, whereby the value of the bulk of criptions, apart from expensive items, was calculated on an average basis. This enabled a great deal of the arrears of work to be overtaken, but certain bureaux were still behind. At the request of the Ministry of Health (following agreement with the chemists' representatives), arrangements were made for those bureaux which were up-to-date to take over work from backward bureaux so that all would commence pricing January prescriptions at approximately the same time. As a result, the assisting bureaux became in arrears and all bureaux were approximately one month late in commencing work on January prescriptions.

Output per Pricer Reduced

A completely new scale of dispensing fees and a complicated system of compiling chemists' accounts on a new averaging basis, adopted as from January 1, has considerably retarded the work of pricing and, though greater speed will, no doubt, be gained with practice, the output per pricer under the present method is much reduced, while the number of prescriptions continues to increase. The Joint Pricing Committee considers that the ideal method is to price each prescription in full, but, with existing staffs, that is impossible at present. Some clerks of Insurance Committees who were formerly engaged on a part-time basis as secretaries to the bureaux are being replaced by full-time officers, and normal replacements made necessary by resignations, etc., are being made. New superintendents have been appointed at Sheffield, Preston and Bolton, and new appointments are in process of being made at Clapham, Liverpool and Bristol; new deputy-superintendents are being appointed at Durham, Wakefield and London. Many meetings of the Committee have been held, concludes the report, and everything possible is being done to expedite the work, "but it is a regrettable fact that at present the number of trained staff is inadequate to cope with the volume of prescriptions being received."

N.A.W.P. Newsletter.—The newsletter for April of the National Association of Women Pharmacists, published recently, includes an article by Miss M. C. Islip (a member of the Council of the Pharmaceutical Society) on "Hospital Pharmacy," and reports of recent activities of the British Federation of Business and Professional Women, as well as branch reports.

COLOSTOMY BELT REPLACEMENTS

AGREEMENT has been reached under National Health Service arrangements that, whereas patients are to be referred to hospitals for the initial supply of surgical belts, replacements or renewals of the whole, or parts, of colostomy belts and supra-pubic appliances may be ordered by a general practitioner on E.C.10 prescription forms. This is to save patients attending out-patient clinics for replacements, and in order to relieve pressure on hospital staffs when renewal only is necessary. Chemists may therefore welcome information about the measurements and particulars required when ordering either of these post-operative appliances. Both types of appliance are of a highly individual nature, and for the majority of cases need to be made specially. For a colostomy belt, three circumferences of the abdomen are required—as for all surgical belts—the uppermost where the upper edge of the belt lies, the lowest at the level to which the lower edge of the belt is to reach and the middle one half-way between the other two. The depth between top and bottom, as indicated on Fig. 1 below, must also be given. The person

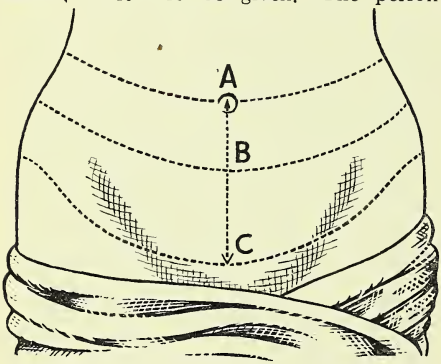


FIG. 1.—Measurements should be taken next to the skin at the position indicated, with patient standing. Other details:—

Male or female patient.....

Number of particulars of belt.....

Colour.....

Circumference at A..... B..... C.....

Depth in front A to C..... Depth at back.....

A. Around body where top edge of belt should rest, 2in. below waist line. B. Around fullest part of abdomen. C. At a point at base of abdomen upon a line at which the lower edge of the belt should naturally rest; the measurement should not be taken around the buttocks, as the belt should not be worn low at the back.

ordering should also state whether the should fasten at the right, left, or ce The receiver may be one of a variet forms, sizes and shapes, but the most is made of celluloid, oval in shape, a soft india-rubber rim for contact wit abdominal surface. Some cups are mac metal, and others entirely of rubber, expandable rims.

It is necessary to indicate the loca of the cup, and the most satisfactory of doing this is to give measurements the centre to the side, showing the posi of the cup in relation to the middle lin shown in Fig. 2 below. A colostom

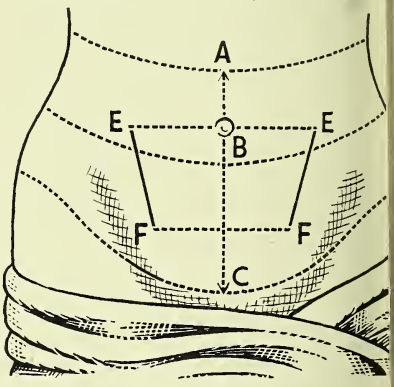
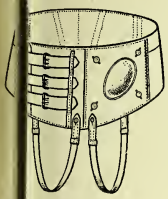


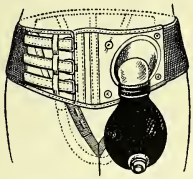
FIG. 2.—Colostomy and other post-operative Measurements as Fig. 1 with position of inci stated. When the wound follows abdominal surg it should be covered with a pad or cup sec inside the belt. To indicate the position of pad the letters E and F on diagram are usec give distance of E or top of scar from me line....., distance of F or bottom of scar f median line....., length of scar from E t ..... and distance from C (base of abdom to line EE..... If the scar is on the me line, letters will assist location.

usually on the left side, but the te colostomy belt may sometimes be used a general way to include appliances p viding for an opening in the centre and the right, which in strict surgical term ology should be called ileostomy, cæcostomy. Other operations of this nat that result in an opening on the right a cholecystectomy and jejunostomy. T belts for these post-operative conditions a similar to those for colostomy, but it usually necessary to provide the cup wi an additional reservoir in the shape of rubber bag attached to a chute protrudi

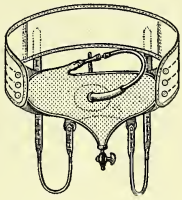
the bottom of the cup, because the s are still in liquid or semi-liquid in this part of the bowel, like hœa, and the cup alone would not them. After the faeces have passed e left side they have usually assumed re solid form and a cup is sufficient. type of colostomy belt, the "St. nozzle at the top to receive the outer end of the catheter, is suspended by straps or tapes from the lower edge of the belt and usually has a strap to secure it to the thigh. The measurements and details required to order one of these appliances complete are comparatively simple compared with those needed for the colostomy belt. All that is



tomy belt with

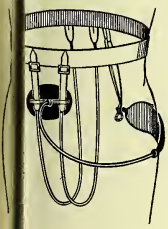


Colostomy belt with cup, chute and bag.



Millin's supra-pubic drainage apparatus.

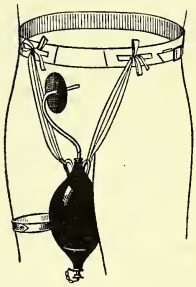
EXAMPLES OF COLOSTOMY BELTS AND SUPRA-PUBIC URINALS



pra-pubic urinal, eyer's pattern.

Supra-pubic urinal with cotton belt.

Supra-pubic urinal with rubber belt.



Supra-pubic urinal, Waring's pattern.

ks" pattern (A), carries only a slightly cave celluloid plate, and many surgeons er this because the colostomy is less y to become distended than by the of a cup. The success of this pattern ends, however, upon a certain amount control of the bowel, which patients d to be taught before leaving hospital. s for the supra-pubic drainage of urine of great variety. The type in common consists of a cotton or india-rubber 3-4 in. wide, fastening at the left or t side, and having a hole in the centre admit the catheter which is held *in situ* a flat pad or shield. The catheter is sed through an elbow-shaped tube in centre of the shield which is in turn d to the patient by the belt. A rubber e bag (like the lower half of an ordin- incontinence urinal) with a mount or necessary is the body circumference, taken at the level of the supra-pubic opening, and the size of the catheter. This is important because it must fit accurately both the rubber shield and the opening in the abdomen to prevent leakage around it. The type of catheter, if other than the normal straight cylindrical rubber one, should be stated. Some patients have to wear the De Pezzer self-retaining catheter. The St. Peter's pattern is also much in use for supra-pubic drainage, because its several lateral eyes (as compared with the single eye of the normal catheter) give a better drainage and are less likely to become blocked with sediment from the bladder. Illustrated above are a colostomy belt with cup only, a belt with a cup, chute and bag, and several types of supra-pubic urinal.

SIMPLIFIED BOOK-KEEPING

By S. Howard Withey, F.Comm.A.

6.—Pharmacy and Shop Stock Records

WHEN bulk orders are placed with local suppliers or agents, this does not necessarily result in bulk deliveries; some chemists find it advantageous to send periodical instruction notes to each supplier, and stock ledger cards are sometimes divided into three sections, headed "Individual Orders," "Outstanding Orders" and "Stock." The keeping of stock records can be materially simplified by the use of an accounting machine equipped with totalisers, enabling a separate form or statement to be made out for each order. The statement can then be folded round the ledger card, the order number set down in the proper column, and the total quantity ordered posted in red, oblique figures in a "Balance Order" column; if no other orders are outstanding the totaliser would be cleared in the "Outstanding Orders" column, this clearance being indicated by a star.

Upon the arrival of stock a receipt note may be used for posting purposes bearing the number of the order and the number, weight or quantity of the goods received. The appropriate order statement can then be selected and inserted into the machine together with the ledger cards, the receipts items being recorded in both the statement and the ledger in much the same way as in ordinary pen-and-ink book-keeping. There would be a separate statement for each order, and if required the average price could be calculated when each delivery is received.

The mere fact that an order has been placed would not, of course, alter the stock position, but upon the receipt of goods forming part of an order the item would appear in the receipts column of the order form and ledger card and would go into the balance order column in the form of subtraction from the pick-up. The outstanding orders section of the ledger card would then be balanced, as also would the stock section, the receipt of goods affecting all three sections of the ledger account. When goods are issued the stock section only is affected and it is a simple matter to record the items and extend the new balances.

The general trend is away from bound books of the ordinary type and some chemists now use loose sheets ruled and printed to satisfy their own particular rec-ments. Specialists have designed cor-hensive collections of standard forms can be used by retailers and wholes ranging from two and three column rulings and double cash-ledger shee an analysis provided with fifteen or columns. When such equipment inc covers with a patent opening mecha the insertion and withdrawal of shee simplified, and index sheets with proje tabs provide a method of self-indexin records. Such a system enables th quired number of forms to be prod at one writing, and a sheet can be p on to each department concerned. records can be filed either alphabeti or numerically, or in any way des Orders to suppliers are often sent ou printed forms out of a duplicate b giving the date, order number and a description, and this enables assistan refer to any details when needed.

The main controls of the chemist's ness relate to purchasing, budgets stock turnover, and estimates shoulc made of the rates at which different g can be disposed of and replaced in a g time. The number of stockturns v considerably according to location, chandising policy and other factors. a rule, the stock of certain descrip is allowed to become very low at the st taking date in order to simplify the c pilation and the checking of details; sequently an average stock based on opening and closing stock figures ma unreliable. Stocks may rise progressi following the making up of the an balance sheet, and it is a good pla calculate the average by reference monthly figures over a six-months' per The average stockturn may be ascerta in the manner indicated in the follov table:—

	£
Stock, November 1, 1948 ...	450
,, November 30, 1948 ...	610
,, December 31, 1948 ...	747
,, January 31, 1949 ...	862
,, February 28, 1949 ...	684
,, March 31, 1949 ...	565
	3,918
Average stock	653
Sales during the six months ended March 31, 1949 ...	1,768
Stockturn for six months ...	653=2.7 ti
Annual stockturn	5.4 ti

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

nference "Grand Finale"

—As chairman of the Blackpool ence Committee may I bring to the of your readers the following ad- l facts regarding the arrangements British Pharmaceutical Conference is to be held here, September 12- nce publication of the preliminary mme, Blackpool Corporation have to reintroduce the world-famous ations for the first time since 1938. ficial "switch-on" is to take place iday, September 16, which is, of the final night of the Conference. mmittee have decided to take full age of this wonderful opportunity d-up the Conference and are making cessary arrangements to take all our tes on a sight-seeing coach tour of ven miles of illuminated promenade. this will prove a grand finale and seal on a wonderful week for all nference visitors.

Yours faithfully,

kpool. J. L. DAWSON COOK.

tocks held by Wholesalers

—I find it difficult to agree with art of Mr. F. W. Tomkinson's letter (*C. D.*, May 14, p. 651) in that whole- as a body are at great pains to pro- an efficient post-by-return service their own warehouses" (I quote). the manufacturer's point of view it a lot of hard work to impress on some salers that they can provide an nt post-by-return service only if they a certain stock of ethicals in regular nd. One cannot but help form the im- on that some wholesalers are getting and more adept in the art of send- rief postcards to the manufacturer s vein: "Please post to Mr. X such uch goods by return, post urgent, and e to us." By doing so, an easy saler discount is "earned" at the of a twopenny or penny stamp, and nus of prompt dispatch is placed on anufacturer.

Yours faithfully,

MANUFACTURER.

,—May I reply to Mr. Tomkinson of Knox (Stoke-on-Trent), Ltd. (*C. & D.*, May 14, p. 651). Mr. Tomkinson ap- to have missed the point of my letter. My criticism was not directed at the wholesale houses, and I was at pains to point out that certain London houses we have dealt with for fifty years or more are giving us a good postal service, though it recently took the G.P.O. over two days to deliver a registered parcel to us from London. If the item required is not listed by established wholesalers, we are forced, for our own peace of mind, to go to the manufacturers. In the case cited (seven weeks' delay), two letters to the manufacturer failed to bring even the courtesy of a reply, and, as a brand was specified, we were helpless in the matter. At the time of the incident (June '48) I personally telephoned or wrote to at least fourteen firms in Liverpool, Birmingham and London and was unable to obtain.

Yours faithfully,

Bilston. TREVOR SHELLEY.

Virtue's Reward

SIR,—From a perusal of the draft statement to contractors by the Minister of Health, it would appear that the Ministry never intends to price in full; that the Joint Pricing Committee has only recently been given the straws of extra staff—with increased salary scales—and promises from the Ministry of Works with which to make the bricks for a pricing structure capable of dealing with even fractional pricing; and that, with the new system, the chemist has to take the risk of being in or out of pocket over a period—if he is paid inside a year. It is to be hoped that pharmacists will remember the lack of preparation for pricing the increased number of prescriptions expected under the Health Service, and will notice in the statement the absence of any word of regret for delayed payments and changing systems of sorting, and of any word of appreciation for the work done under these and other handicaps. In case the Minister is expecting pharmacists to do the work for the love of it, it is to be hoped that the Branch Representatives will express their opinions as forcibly as possible at their Conference on May 19.

Yours faithfully,

C. W. HOBSON, *Chairman.*

S. DURHAM, *Secretary.*

Sheffield Pharmaceutical Committee.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale qu ties of standard quality. Prices of crude drugs and essential oils vary as to brand or gr

28 Essex Street, W.C.2, May 18.

BUSINESS in PHARMACEUTICAL and FINE CHEMICALS has been on a moderate scale during the past week. Price movements have included reductions in home and export trade rates for B.P. and technical grades of POTASSIUM PERMANGANATE. It is understood that recent improvements in supplies have made it possible to discontinue the rationing system operated by the maker, and both grades are now freely available. The cut in Ministry of Supply bulk-selling prices for non-ferrous metals has been followed by a reduction in makers' rates for ZINC OXIDE of £13 10s. per ton. ACETANILIDE is an easier market.

Activity in CRUDE DRUGS has been confined to a narrow range of commodities. There are a few spot offers of good quality Chinese RHUBARB for which a brisk inquiry is reported. The rhubarb market continues firm with no shipment offers from Hong Kong. Other Chinese products in good inquiry include CAMPHOR TABLETS, and business has been done at former prices. SENNAS are an active market. Prices of Tinnevelly in India are fluctuating but the level is still higher than spot values. A good demand for No. 2 Alexandrian pods is being received and business has been done at 3s. 6d. to 4s. per lb.; supplies, however, are difficult to find at this time of the year. Freight charges from India to the United Kingdom have been lower for some time owing to competition but recent agreement has restored the charges to their former level and this is reflected in the prices of Indian produce generally in British markets.

The principal feature of the ESSENTIAL OILS market has been a further increase in spot quotations for ANISE. There is little demand for CASSIA and prices are unchanged. A Ministry of Food Order (S.I., 1949, No. 894) has removed all restrictions from the sale of OLIVE OIL (see p. 657); prices are unchanged.

U.S. Drug and Chemical Report

New York, May 13

PRICE movements in the PHARMACEUTICAL and FINE CHEMICALS markets in the last ten days have included a reduction in makers' rates for THEOPHYLLINE, U.S.P., of $1.50 per lb. in 100-lb. lots or more, and a reduction of $1.90 per lb. for AMINOPHYLLINE, making the new price for both products $6.00 per lb. Increased seasonal inquiry for CITRIC and TARTARIC ACIDS is reported but demand this year is not expected to be as great as in 1948. PARA-AMINOSALICYLIC ACID is now available in commercial quantities. Prices of MENTHOL continue to rise; current quotations are at $9.20 per lb. Developments in the Far East have not brought any increas demand for CRUDE DRUGS originatin the Far East. Quotations for LYCOPO are 16 cents lower at $1.50 per VALERIAN ROOT advanced 3 cents pe to 38 cents, while WITCH-HAZEL LE. have risen from $10.75 to $12.50.

The volume of inquiry for ESSEN OILS continues low, with the exceptio CITRUS OILS. Easier markets are repo for CARAWAY, CEDARWOOD, SPEAR and domestic LEMON. Ceylon CITRON has increased from 73½ cents to 80 c per lb. GERANIUM is moving into a fi position.

Pharmaceutical Chemicals

ACETANILIDE.—Easier. Makers' q crystal at 2s. 1d. and powder at 2s. per lb. in 1-cwt. lots.

ACETONE.—Makers' prices per ton as follows:—In 40/45 gall. drums: l than 1 ton, £70; 1 ton, £69; 10 tons t tons, £68; 50 tons and over, £67. Sm quantities are quoted at £90 per to 5-gall. drums and £85 per ton in 10- drums.

ADRENALINE.—B.P. is quoted from 3s 3s. 6d. per gm. for natural and 2s. 2s. 6d. for synthetic; racemic, 2s. per

AMPHETAMINE. — Quotations for B and SULPHATE are from 115s. to 120s. lb. *d*-AMPHETAMINE is in short supp nominal price is 20s. per lb.

ATROPINE.—Steady. Makers' rates oz. are: ALKALOID, 41s. 3d.; 4 oz., 40s. 25 oz., 40s. 3d. SULPHATE, 32s. 9d.; 4 32s. 3d.; 25 oz., 31s. 9d.

BENZOCAINE—In the home market 2 lots are quoted at 50s. per lb.; 7-lb., 5

BETANAPHTHOL.—Makers quote pr from 2s. 9½d. to 3s. 1½d. for B.P. qua packed in 28-lb. packages.

BROMIDES.—Makers' rates in the Un Kingdom and Eire for POTASSIUM, B (crystal) and SODIUM, B.P., are as lows:—5 cwt., 2s. 4d.; 1 cwt., 2s. 5 28 lb., 2s. 11½d.; 14 lb., 3s. 2d.; 7 3s. 3d. per lb. The potassium salt powder is 1½d. per lb. more than the f going prices. AMMONIUM, B.P.C., is per lb. more than the potassium sodium salts. Terms: Prices net. 1-c cases or kegs charged; 28-lb. parcels fr smaller containers charged extra. Sched quantities may be made up of assor salts down to 28 lb.

CALAMINE.—Makers are asking 1s. per lb. for quantities of 1 cwt.

CALCIFEROL.—1 kilo is quoted at 7s. per gm.; 500 gm., 7s. 7d. per gm.; 100 g 7s. 8d.; less than 100 gm., 7s. 9d. Suppli in ampoules of capacity 5 gm. or more.

CALCIUM GLUCONATE.—Quantities of up-ds from 3 cwt. are quoted at 3s. 6d. lb.; 1 cwt.-2 cwt., 3s. 7d. per lb.; ller quantities up to 3s. 10d. per lb.

HLOROCRESOL.—Pharmaceutical quality uoted at 4s. per lb. in 1-cwt. drums.

HLOROFORM.—Steady. Makers' price 1-cwt. lots in winchesters is 3s. 2d. per 56-lb., 3s. 2½d. In drums, prices are 0½d. and 3s. 1d. per lb., respectively.

ITRATES.—Makers' rates are unchanged. ASSIUM, 5-cwt. lots, 2s. 10½d. per lb.; wt., 2s. 11½d.; scheduled prices for ntities of 28 lb. to 1 cwt. are (con-ers in brackets): 3s. 9½d. (1-lb.); 8d. (4-lb.); 3s. 7d. (7-lb.); 3s. 6½d. lb.); 3s. 5½d. (28-lb); IRON AND IONIUM CITRATE, B.P., 7d. per lb. more; IUM, B.P., 3d. per lb. less; powder, 1d. lb. extra.

ITRIC ACID, B.P. — Steady. Makers te 1s. 5½d. per lb., less 5 per cent. for vt. lots, delivered in the U.K.

ODEINE.—Steady. Current prices per in the home market, are: ALKALOID, z., 51s. 9d.; 1 oz., 49s. 3d.; 2 oz., 9d.; 3 oz., 47s.; 4 oz., 46s. 9d. HYDRO-ORIDE, ½ oz., 46s. 4d.; 1 oz., 44s.; 2 oz., 6d.; 3 oz., 41s. 9d.; 4 oz., 41s. 6d.; OSPHATE, ½ oz., 40s. 9d.; 1 oz., 38s. 3d.; z., 36s. 9d.; 3 oz., 36s.; 4 oz., 35s. 9d. OBROMIDE and IODIDE as ALKALOID; PHATE as HYDROCHLORIDE.

REAM OF TARTAR.—Makers' rates for home trade are: 10 cwt. lots, 148s. per .; 5-10 cwt., 149s.; less than 5 cwt. more than 2 cwt., 150s.; 1-2 cwt., s., delivered. A steady demand reported.

REOSOTE, B.P.—Quotations for material ved from beechwood are from 6s. 9d. s. 6d. per lb.

IGITOXIN.—Current quotations are in region of 110s. per gm.

PHEDRINE.—Makers' rates per oz. are follows:—ALKALOID: 1 oz., 11s. 9d.; oz., 11s. 6d.; 25 oz., 11s. 3d.; 50 oz., .; 100 oz., 10s. 9d. HYDROCHLORIDE and PHATE: 1 oz., 8s. 3d.; 16 oz., 8s.; 25 7s. 9d.; 50 oz., 7s. 6d.; 100 oz., 7s. 3d. orted contracts may be booked for quan-es of not less than 100 oz. over six ths. Containers: 50 oz. or more, free; z. lots carriage paid.

THER. — Makers' prices per lb. are: ESTHETIC, 1 cwt., 2s. 10d.; 72 lb., 11½d. B.P., 5 cwt., 2s. 1½d.; less, 3½d. TECHNICAL, 1½d. per lb. less than . The foregoing rates are for ether ked in winchesters. In 1-lb. bottles es are 2½d. per lb. more.

LYCEROPHOSPHATES. — Makers' list es per lb. are as follows: CALCIUM UBLE, 10s. 6d.; IRON SCALE, 11s. 9d.; D, 20 per cent. (B.P.C.), 8s. 3d. GNESIUM (INSOLUBLE), 10s.; MAGNESIUM LUBLE), 19s. 3d.; MANGANESE, 24s. 3d.; ASSIUM, 50 per cent., 5s. 11d.; 75 per t., 7s. 9d.; SODIUM, 10s. 9d.; 50 per cent., 4s. 7d.; 75 per cent., 5s. 8d. Quantities of 7 lb., 6d. per lb. less than above rates; other quantities in proportion.

GUAIACOLS.—Liquid is offered at prices from 14s. 6d. to 16s. 6d. per lb., and crystal and carbonate, 14s. to 15s., according to quantity.

HEXAMINE.—B.P. is quoted at from 1s. 8d. to 2s. per lb., as to quantity.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gm. in brackets): ALKALOID.—1 oz., 97s. 6d.; 4 oz., 92s. 6d. 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

HYDROQUINONE.—Bulk rates are as follows: 10 cwt., 9s. 6d.; 5 cwt., 9s. 9d.; 1 cwt., 10s.; 28 lb., 11s.; 14 lb., 11s. 3d.; 7 lb., 11s. 6d. per lb. Carriage paid in U.K.

ICHTHAMMOL.—Prices are from 3s. 8d. to 4s. 6d. per lb., according to quantity.

IODIDES.—Prices (per lb.) of minor iodides are as follows: AMMONIUM, B.P.C., 7 lb., 15s. 9d.; smalls, 16s. 3d.; ARSENIC (triiodide), 28s. 6d.; CADMIUM, B.P.C., 22s.; CALCIUM, B.P.C., 19s.; ETHYL, 28s.; IRON, B.P.C., 14s.; LEAD, B.P.C., powder, 18s.; LITHIUM, B.P.C., 20s. 3d.; STRONTIUM, B.P.C., 18s. 6d.; ZINC, B.P.C., 19s. 3d.; MERCURIC, B.P., 7 lb., 14s. 3d., smalls, 14s. 9d.; MERCUROUS, B.P.C., green or yellow, 7 lb., 18s. 6d.; smalls, 19s.

MANDELIC ACID.—In 28 lb. containers prices are from 12s. 10d. to 14s. 4d. per lb.; in 1-lb. bottles, from 13s. 10d. to 15s. 4d. per lb.

PEPSIN.—For B.P. quality prices from 27s. 9d. to 30s. per lb. are asked, according to quantity.

PHENOLPHTHALEIN. — Steady. Makers' prices are: 1-cwt. lots. 6s. 10d.; 28-lb., 7s.; 14-lb., 7s. 3d. per lb.

POTASSIUM PERMANGANATE. — Reduced prices are announced, with effect from May 16. Home-trade rates, for B.P. grade (in 1-cwt. drums), are: 1 cwt., 1s. 7½d. per lb.; 5 cwt., 1s. 6½d.; 1 ton, 1s. 6d. Technical (in 1-cwt. drums) is 163s. per cwt.; 5 cwt., 154s. 6d. per cwt.; 1 ton, 149s. 6d. per cwt. Prices are net; carriage paid nearest railway station; drums extra and returnable.

SODIUM SALICYLATE.—Steady. Makers' price for 1 cwt. is 2s. 7d. per lb; resellers' rates per lb. (containers in brackets) in the home market as follows: 28-lb. and under 1 cwt., 3s. 4d. (1-lb.); 3s. 3d. (2-lb.); 3s. 2½d. (4-lb.); 3s. 1½d. (7-lb.); 3s. 1d. (14-lb.); 3s. (28-lb.). Net one month.

THEOPHYLLINE. — Prices of ALKALOID range from 60s. to 65s. per lb., as to quantity; with ethylene diamine (AMINOPHYLLINE, B.P.) prices are from 72s. 6d. to 80s. per lb.

ZINC OXIDE.—Prices were reduced by £13 10s. per ton on May 16. New rates per ton for B.P. are: 1-ton lots, £93 5s.; 3 cwts. and over, £94 5s.; under 3 cwt., £95 15s.

Crude Drugs

ACONITE.—Quiet. Indian, on the spot, is quoted at 275s. per cwt.; *napellus*, offered at 3s. 10½d. to 4s. 3d., duty paid.

AGAR.—Steady. Kobé strip is offered at from 13s. 6d. to 15s. 9d. per lb., according to quality. South African powder, in tins in cases, 20s. per lb., spot, quoted.

ALOES.—Prime Cape on spot is quoted from 110s. to 115s. per cwt.; forward, 105s., nominal, c.i.f.; f.a.q. from origin, 96s., c.i.f. Curaçao is offered at 185s. per cwt. Socotrine is quoted at 170s. per cwt., spot.

ASAFETIDA.—A quiet market. Persian block on spot is steady at prices from £14 10s. to £24 per cwt., according to grade.

BALSAMS.—*Canada* is offered at 20s. per lb., on spot; new-crop, end-June delivery, 15s. Pará *Copaiba*, soluble, 4s. 6d. per lb., spot. San Salvador *Peru*, 4s. 8d. per lb., duty paid. *Tolu* on the spot is offered at 9s. 9d. per lb.; shipment, 9s. per lb., c.i.f.

BELLADONNA.—Jugo-Slav root is quoted at from 3s. 9d. to 4s. 6d. per lb., duty paid, as to test; shipment, 3s., c.i.f. Jugo-Slav leaves (B.P.) are offered at 4s. 2d., duty paid. English leaves are offered at 4s. 9d. (0.546 per cent.) per lb.

BENZOIN.—Sumatra block on the spot is steady at from £15 to £16 per cwt., as to quality: No. 1, at origin, £15 10s., c.i.f. Sumatra free almonds are quoted on spot at from £45 per cwt. Siam block, small almond, £118 per cwt., spot.

BUCHU.—New-crop short rounds, on the spot, are 3s. 8d. to 3s. 9d. per lb.

CALABAR BEANS.—Steady. Spot quotations are from 10½d. to 11d. per lb.

CALUMBA.—Washed ungraded root is offering at about 130s. per cwt., spot.

CAMPHOR.—Steady. Chinese tablets are offered at from 7s. 6d. (½-oz.) to 7s. 9d. (¼-oz.) per lb.; refined natural powder (B.P.), 6s. 3d. to 6s. 6d.; slabs (2½-lb.), 7s. 3d., spot, London, duty paid. English synthetic powder, B.P., is quoted at 5s. per lb., and technical at 3s. 9d. per lb., in 100-lb. lots.

CANTHARIDES.—Quiet. Chinese on spot are steady at 7s. per lb.; from origin, prices are 4s. per lb., c.i.f.

CAPSICUMS.—African on spot is offered at from 90s. to 130s. per cwt., as to quality.

CASCARA SAGRADA.—Spot quotations are at from 170s. to 185s. per cwt., duty paid.

CASCARILLA. — Quills are offering at 1s. 5d. and siftings at 1s. 3d. per lb., spot.

CASSIA PODS (*C. fistula*).—East Indian is quoted at 62s. 6d. to 65s. per cwt., ex wharf London.

CHAMOMILE FLOWERS.—Belgian material is quoted at 3s. 9d. per lb., spot.

CHAULMOOGRA.—*Hydnocarpus* is off at 1s. 10½d. per lb., spot.

CHERRY BARK.—In steady demand. T natural is 1s. 4½d. per lb., duty paid store.

CHILLIES.—Mombasa is quoted at 1 per cwt., spot; Nigerian, 125s. to 1 spot; Japanese-type, 180s. per cwt., s

CINCHONA.—Congo bark (*succirubra* quoted at from 2s. 5d. to 2s. 6d. per Tanganyika hybrid, from 2s. to 2s. 6d. lb., ex wharf.

CINNAMON.—Quiet. Quotations for C are at from 2s. per lb.; quillings offered at 1s., featherings at 10d. and c at 5d. per lb., ex store, London.

CLOVES. — Zanzibar, spot, quoted 1s. 1½d. per lb.; May-June shipm 1s. 1d., c.i.f. Madagascar, in bond, 1 shipment, 10½d., c.i.f. Penang, spot,

COCHINEAL.—Silver greys on spot quoted at 4s. 2d. per lb.; blacks, 4s. 9

COCOA BUTTER. — Maximum contro price is now 4s. 4¾d. per lb., delivere

COLCHICUM. — Corms on the spot offered at from 6s. per lb.; seeds (tes 0.609 colchicine) are offered ex wharf 13s. 3d. per lb.

COLOCYNTH.—Pulp on the spot is off at prices from 1s. 7½d. per lb.

DRAGONS BLOOD.—Singapore reboiled 1, £65 per cwt., spot; No. 2, £50 per

GINGER.—African on spot is offering 140s. per cwt.; 135s., c.i.f. Nominal values for Jamaican are: No. 1, 185s. cwt.; No. 2, 180s.; No. 3, 175s.

GUM ACACIA. — Kordofan cleaned so on the spot, firmer at 60s. per cwt.; s ment, 57s. 6d., c.i.f. Bleached No. 1, 12 spot; to arrive, 115s., c.i.f. Talha, spot, 45s. per cwt.; forward shipm 37s. 6d. per cwt., c.i.f.

HENNA. — Sudanese green leaves offering at 95s. per cwt., spot; at ori 85s. per cwt., c.i.f., quoted.

IPECACUANHA. — Firm. Nicaraguan the spot is offered at 23s. per lb. for f.a June-August shipment is 19s. 6d. per c.i.f. Colombian, 21s. per lb., spot. M Grosso is quoted at 25s. per lb., c.i.f.

MACE.—Quiet. West Indian blade on spot is easier at 6s. 3d.; pickings, 3s. to 5s. per lb., according to quality.

MENTHOL.—Prices are again higher. S quotations are at from 56s. per lb., d paid, and 55s. in bond.

MERCURY.—Ex warehouse, £18 10s. flask; shipment, £17 17s. 6d., c.i.f. U.K

QUASSIA.—Jamaican chips on the s are quoted at from 30s. to 35s. per cwt

RHUBARB.—Firm. Chinese rough-rou of good quality is in demand but supp are low, with prices from 5s. 3d. per duty paid. Lower grades of sound r are offering at from 4s. 9d., duty paid.

SEEDS.—The ANISE remains quiet. prus 1s. 4½d. per lb.; Turkish, 1s. 4d. lb. duty paid, or 1s. 3d. per lb. in bond; spot London. CARAWAY.—Poor demand. tch offered at 115s. per cwt., duty paid, t London. CELERY.—Unchanged. Indian 1s. per lb., spot London. CORIANDER.—rket is now inclined to be firm. Morocco, spot, is unchanged at 35s. per cwt., duty d in London, and 30s. per cwt., c.i.f., ted for May-June shipment; Argentine 27s. 6d. per cwt., duty paid, spot London Liverpool. CUMIN.—Cyprus, spot Lon-, is quoted at 155s. per cwt. Indian, t London or Liverpool is 157s. 6d. per t. DILL.—Indian is still firm at 47s. 6d. cwt., spot London or Liverpool. NNELL.—Indian is showing a steady sale 67s. 6d. per cwt., spot London or Liver-l. FENUGREEK.—Market continues firm. lian is now quoted at 55s. to 56s. per t., spot London. Morocco, spot London Liverpool, 55s. per cwt., duty paid.

SENEGA.—Quotations for root on the spot at 7s. 6d. per lb.; at origin, 7s. per , c.i.f., quoted.

SENNA.—Tinnevelly leaves, spot, No. 1, m 9½d. to 11d. per lb.; No. 2, 7½d. to ; No. 3, 6d. per lb.; Tinnevelly pods, nd-picked, 9d. to 1s. 5d.; manufacturing, to 6d. Alexandrian pods, hand-picked, t, from 4s. 9d. to 5s. 9d. per lb., nomi-l; medium grades are 3s. to 4s.; manu-turing, from 1s. to 1s. 9d. per lb.; d-quality pods remain in short supply. xandrian leaves, f.a.q., 1s. 2d. per lb.

SHELLAC. — Spot quotations are: O.T.N. pure, 347s. 6d.; F.O. Standard 1, 5s., nominal; fine orange, 400s. to 425s. cwt, ex London warehouse.

SQUILL.—Italian fair white on spot is ering at 52s. 6d. per lb.

TURMERIC.—Madras finger is quoted at 0s. to 112s. 6d. per cwt., spot; May-ne shipment is quoted at 95s., c.i.f.

VALERIAN.—Belgian natural is quoted at 9d. to 1s. 11d. per lb., spot.

WAXES.—Dar-es-Salaam BEES' is dearer 335s. per cwt., spot; May-June ship-nt has increased to 325s., c.i.f. Sudanese d Lindi are both offered at 330s., spot. nguela, 310s. per cwt., in bond; ex store, 0s. CANDELILLA.—Spot quotations are changed at 330s. per cwt.; prices are ver for June delivery at 300s. CARNAUBA. Prime yellow, 670s. per cwt., spot; for-rd, 600s., c.i.f. Fatty grey, 440s. per t., spot; shipment firmer at 445s., c.i.f. alky grey, 425s. per cwt., spot; no offers m origin. MONTAN.—Reibeck, 220s. per t., spot; June delivery, 200s. Czecho-vak crude, 200s. per cwt., spot; forward, 0s., c.i.f. OURICURI.—99.5 per cent. re, 425s. per cwt., spot; 2 per cent. im-rities, 410s. per cwt., spot. SPERMACETI. Quoted at 2s. 5d. per lb., spot.

WITCH-HAZEL LEAVES. — Supplies are ered at 2s. 6d. per lb., ex store.

Essential and Expressed Oils

ALMOND.—Sweet oil (B.P.) is offered at about 4s. to 4s. 6d. per lb. Bitter essential oil on the spot is offered at from 27s. 6d. to 60s. per lb., as to grade.

ANISE.—A firmer market. Chinese star on the spot is offered at from 5s. to 5s. 3d. per lb., for oil in drums; in tins in cases, 5s. 6d. per lb., nominal; for shipment, drums are quoted at 4s. 11d., c.i.f., and tins in cases, 5s., c.i.f.

BAY.—Steady. West Indian on the spot is quoted at from 6s. to 7s. 6d. per lb.

CADE.—Steady. Spanish oil, B.P., on the spot is offered at from 3s. to 3s. 3d. per lb. upwards.

CAJUPUT.—B.P. grade is offering at from 23s. to 25s. per lb., spot. In moderate request.

CARAWAY.—English-distilled is offered at from 37s. to 40s.; imported, 27s. 6d. to 30s. per lb., as to quantity.

ROSEMARY.—Spanish is offered at 5s. 6d. to 7s. 6d. per lb., as to quantity: Dalmatian, from 5s. 6d. to 6s. 6d., spot, London.

SASSAFRAS.—Brazil on spot is quoted at from 4s. 6d. to 5s. 3d. per lb.

TEASEED.—Refined is firm at 24s. per gall., spot.

TEREBINTH.—Quotations for B.P. oil are from 1s. 6½d. to 1s. 10½d. in winchesters, and 1s. 5d. per lb. in carboys.

Synthetics and Isolates

QUOTATIONS are per lb. and vary according to grade, quantity and seller.

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METHYL ACETOPHENONE.—12s. to 14s. METHYL ANTHRANILATE.—14s. to 15s. METHYL BENZOATE.—5s. 3d. to 7s. 6d. METHYL CINNAMATE.—11s. 6d. to 12s. 6d. METHYL PHENYLACETATE.—6s. 6d. to 7s. 9d. METHYL PHENYL CARBINYL ACETATE.—11s. to 12s. 6d. METHYL HEPTIN CARBONATE.—225s. METHYL IONONE.—37s. 6d. to 40s. MUSK AMBRETTE.—45s. to 55s. MUSK KETONE.—45s. to 55s. MUSK XYLOL.—7s. 6d. to 9s. MUSTARD OIL (artificial).—16s. 6d. to 18s. 6d.

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RHODINOL.—122s. 6d. to 150s. SAFROLE.—7s. to 10s. SANTALOL.—120s. STYROLENE ACETATE.—11s. to 14s. TERPINOL.—Perfumers', 2s. 9d. to 3s. TERPINYL ACETATE.—5s. 9d. to 7s. 6d. VETIVEROL.—180s. VETIVERYL ACETATE.—210s.

TRADE MARKS

(*From the "Trade Marks Journal," May 4*)

"RESTORENN"; by Savory & Moore, Ltd., London, W.1; B661,600. "INO"; by Gerard Brothers, Ltd., Nottingham; 672,048. For non-medicated toilet preparations (3).

"ANSA"; by Viona Blade Co., Hull; 665,945. For shaving soap (3).

"DISPA"; by Peter Lunt & Co., Ltd., Liverpool; 668,243. For soaps (not medicated) and detergents (3).

"ISLAND MAGIC"; by Pinders, St. Peter Port; 670,132. For perfumes (3).

"TARSIA"; by Scherk, Ltd., London, S.W.1; B671,062. "SPECIA"; by Société Parisienne d'Expansion Chimique S.P.E.C.I.A., Paris; 672,068. "LA TOJA"; by Sociedad Anonima "La Toja," Pontevedra; 672,251. For all goods (3).

"QUO"; by Gerard Brothers, Ltd., Nottingham; 672,326. For soap powder (3).

"ALKALSA"; by Reynolds & Branson, Ltd., Leeds; B661,325. "SEAMEAL"; by W. Gregg & Co., Ltd., Dunedin; B662,529. "TOOTAVITE"; by Clinical Products, Ltd., Richmond; 671,661. "ETHNINE"; by Allen & Hanburys, Ltd., London, E.2; 677,288. For pharmaceutical preparations (5).

"BELLTONIC"; by Reynolds & Branson, Ltd., Liverpool; 661,713. For veterinary tonic medicines (5).

"VEPS"; by the Maxilin Marketing Co., Ltd., Bolton; 663,032. For medicated pastilles (5).

"OBSTETRONE"; by Roche Products, Ltd., Welwyn Garden City; 663,497. For analgesic preparations (5).

"ISUPREN"; by Bayer Products, Ltd., London, W.C.2; 671,228. "SPECIA"; by Société Parisienne d'Expansion Chimique S.P.E.C.I.A., Paris; 672,069. For all goods (5).

"NONAD"; by Allen & Hanburys, Ltd. London, E.2; 672,096. For bandages, medical and surgical plasters and surgical dressings (5).

Monogram device; by the Evans Electrical Co. (Lowestoft), Ltd., Lowestoft; 671,606. For scientific, optical and photographic apparatus and instruments (9).

"SLEEPYLAND"; by John Knox (Stoke-on-Trent), Ltd., Stoke-on-Trent; 669,972. For baby soothers, feeding bottles, teats and valves, all for feeding bottles (10).

"WELLA" in circle device including woman's head; by Wella Rapid, Ltd., London, N.W.1; 669,587. For spraying appliances for toilet preparations (21).

"BOW BELLS"; by Copestake, Crampton & Co., Ltd., London, E.C.4; 670,096. For combs, sponges and brushes (21).

(*From the "Trade Marks Journal," May 11*)

"MARTINT"; by Marshall's Food Products, Ltd., London, S.E.1; B661,398 and B661,400-01. For food-preserving chemicals (1); for all goods excluding toilet articles or essential oils (3); for all goods excluding medicated wines (5).

"KILCO"; by Kilwaughter Chemical Co., Belfast; 661,281. For soap (3).

"POWDAROMAS"; by Polak and Schwarz (England), Ltd., Enfield; B667,777. For all goods (3).

COMING EVENTS

Items must be received by the Editor not later n first post on Wednesday of the week of inse n

Tuesday, May 24

BLACKPOOL BRANCH (JUNIOR SECTION), PHA CEUTICAL SOCIETY. Beginning of two-day vis Cheltenham premises of United Chemists' A ciation, Ltd.

BRIGHTON BRANCH, PHARMACEUTICAL SOCIETY, U Church Institute Hall, Queen Square, Brigh at 8 p.m. Annual meeting (refreshment 7.30 p.m.).

EAST METROPOLITAN BRANCH, PHARMACEUTICAL CIETY, Lecture Theatre, Manor Park Libr Romford Road, London, E.12, at 8 p.m. An meeting.

SOUTH-EAST LONDON CHEMISTS' ASSOCIATION BRANCH OF THE PHARMACEUTICAL SOCIETY, G Tavern, 26 Camberwell Grove, London, S. 7.30 p.m. to 10.30 p.m. Informal social ever

INSTITUTE OF OPTICAL SCIENCE, Royal Society Arts, John Adam Street, London, W.C.2, 7.30 p.m. Mr. Alex. H. Clarkson on "Making and Fitting of Artificial Eyes."

Wednesday, May 25

EDINBURGH CHEMISTS' GOLF CLUB. Competit at Muirfield for Raimes tankard and J. Russell, Ltd., prize.

HARROW BRANCH, PHARMACEUTICAL SOCIETY, C ham Conservative Club, Station Road, Chesh at 7.30 p.m. Mr. G. F. Somers, Ph.D., B. Ph.C., on "The Pharmacological Investigat of a New Drug." Coach leaves Harrow Me politan Station (Lowlands Road exit) at 6 p Applications for seats (no charge) to Miss I. Morgan 38 Gloucester Road, North Har

NORTHUMBERLAND AND DURHAM CHEMISTS' GOL SOCIETY. Competitions at Ryton for Ayrton and U.C.A.L. tankard.

ROYAL INSTITUTION, 21 Albemarle Street, Lon W.1, at 9 p.m. Mr. A. H. Cook, D.Sc., Ph F.R.I.C. (assistant professor of chemistry, perial College), on "Chromatographic Separa of Natural Compounds."

SHEFFIELD BRANCH, PHARMACEUTICAL SOCIETY, I ture Room, Nether Chapel, Norfolk Str Sheffield, at 7.45 p.m. Annual meeting.

WESTERN PHARMACISTS' ASSOCIATION, 17 Bloomsb Square, London, W.C.1, at 7 p.m. An meeting. Dr. G. R. Boyes on "Recent Adva in Therapeutics."

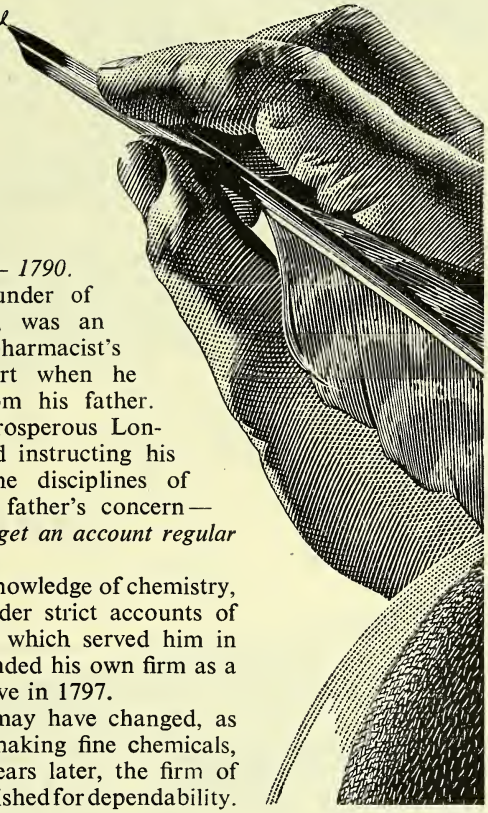
Thursday, May 26

DARTFORD BRANCH, PHARMACEUTICAL SOCIETY, W come Club, High Street, Dartford, at 8 p Ten-minute papers by members. (Titles of p posed papers should be sent to the Branch S retary).

SCOTTISH CHEMISTS' BOWLING ASSOCIATION holding its annual rink competition for the Ayr challenge trophy at Edinburgh Greens on June The draw will be made at the Minto Hotel, Ed burgh, at 1.30 p.m.

BIRKENHEAD PHARMACISTS' ASSOCIATION is hol its annual outing (to Gwrych Castle, Abergele) June 16. Coaches leave Woodside Hotel, Birk head, at 2 p.m. Early application for tic (19s. 6d. each, inclusive) should be made Mr. J. W. Waterworth, 224 Bebington Road, B kenhead.

Thy accounts appear to be allowable, only 20/- seems a great price for boots, but I have not bought a pair many years and hardly know the present run



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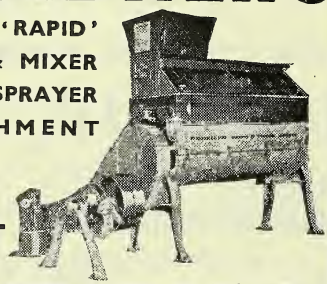

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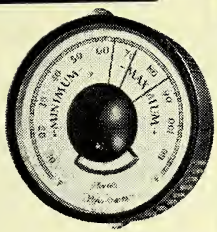

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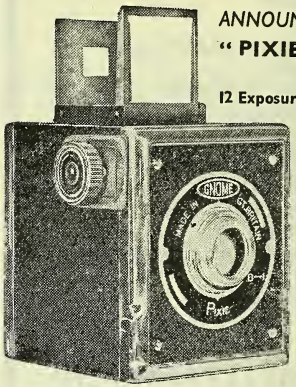

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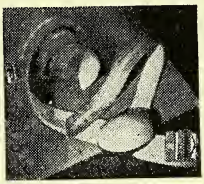

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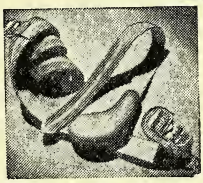

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1 Pint or
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KEEPS HOTTER – KEEPS COOLE

in a **VACCO**

The Superior Vacuum Fla
with the Quality Finish

★ Modern design, strongly made, with a quality finish.
★ Fitted with a tested refill of *extra high thermal efficien*
Hot or cold liquids retain their temperature for unusua
long periods.
★ Canister made of stout gauge steel, tinned to resist corrosi
Finished in durable enamel in a range of attractive colou
The shoulder is made of highly polished aluminium.
★ Large plastic cup of pleasing shape supplied in pastel colou
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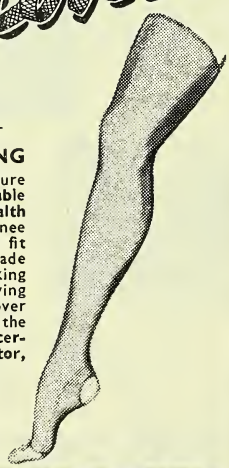

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ELASTIC STOCKING

This ideal made-to-measure surgical stocking is available under the National Health Scheme. In thigh or knee lengths, ensuring perfect fit with complete comfort. Made entirely of net, the stocking a cool to wear, allowing free circulation of air over the skin. Invisible under the normal stocking. Cases certified urgent by Doctor, supplied in 5 days.

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The
Quality Brand
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PROPHYLACTICS, GLOVES
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Photocam Films are guaranteed to give your customers entire satisfaction; every film carries our written guarantee.

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(FOR SPECTACLE WEARERS)

FITTED WITH ATTRACTIVE POLA GREEN AMERICAN STYLE CURVED LENSES

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FOR SAMPLES AND PRICE:

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PROMOL

JUNIOR MOTH RINGS

CONTAIN DEADLY D.D.T.

PROMOL MOTH RINGS JUNIOR SIZE are now doubly efficient by compounding Napthalene with Paradichlorbenzenum and D.D.T. The first two, powerful moth repellents, evaporate gradually, leaving the deadly D.D.T. as fine powder which ***kills insects by contact,*** thus giving an extra protection. Tell your customers this for ***SURE SALES.***

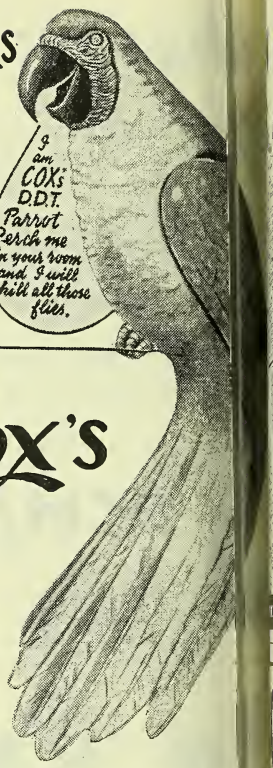
Twice as efficient as before—twice as saleable. 8 rings for 4d.

Attractive red, white and blue display carton. Enquiries invited.

Send Your Enquiries NOW!

PROMEDICO PRODUCTS LTD., 21/22 Turle Road, London, N.4

THIS SUMMERS BEST SELLER



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inventors of the first D.D.T. flypapers

introduce THE NEW ARTISTIC COLOUR

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GUARANTEED 100% IMPREGN ED

EACH CAN KILL 10,000 F ES

ORDER NOW retail **4 2**

Also Cox's Original Flypaper 3d

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EW NATIONAL ADVERTISING MAKES BROBAT and BROBAT *Suds* A CONSTANT SOURCE OF PROFIT!

Spend less time at the sink!

New BROBAT SUDS brings finlier, longer-lasting lather plus improved de-greasing properties. Dirt rolls out from fabric net curtains, covers and, of course, your washing without boiling or toiling. Tiles, paint, glass and crockery, too, take on new gleam and sparkle with

BROBAT *Suds*

Easily difficult to obtain—use Brobat Products, write Brobat Manufacturing Co. Ltd., Wandle Bank, Wimbledon, S.W.19.

SEE WHAT BROBAT DOES BESIDES WHITE YOUR WASHING

USE TRIPLE-TASK BROBAT

BROBAT MANUFACTURING CO. LTD., WANDLE BANK, WIMBLEDON, S.W.19.

ACUUM FLASKS

in tractive colours at popular prices

London Delivery Free

pecial Terms to Wholesalers

SPECIAL OFFER of Rubber Gloves

Gauge Rubber Gloves .. .. 16/- doz.
m Gauge Rubber Gloves assorted sizes .. .. 14/- doz.
Household Rubber Gloves assorted sizes .. .. 10/8 doz.
hold Rubber Gloves, Size 7 only 8/- doz

our Sundries may be delivered weekly by ur own vans in London and Suburbs

Please send for our FREE C. D. price ist or 'phone AVenue 4966 Ext. 1

L FRANKENBERG LTD
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MAKE EVERY SHAVE a TOTAL

"ECLIPSE" RAZOR BLADE MADE IN ENGLAND

Obtainable only from Retailers

5 for 1/4 INCLUDING TAX

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TWICE OR THRICE DAILY?

BEFORE OR AFTER MEALS?

There's NO DOUBT about it with Sellotape

SELF-ADHESIVE CELLULOSE TA

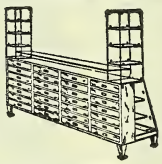
Keep bottle labels clean and legible by covering them with a strip of colou s Sellotape. Quickly, cleanly and easily applied, Sellotape gives sure protection ag t drip-marks and damage.

Sellotape is fine for packaging, too. It hermetically seals jars, tins, boxes, etc., l, colour-printed with your name and sales message, makes a first-rate advert g medium. Write for full particulars of the Sellotape range of widths and colours. Also supplied in small rolls and dispensers for re-sale to the public.

GORDON & GOTCH LTD., DEPT. C.D.6 *75-79 Farringdon St., London, E 4*

A. F. CORBETT & CO. LTD.
CHEMISTS' SHOPFITTERS
Combined Counter-Showcase-Stock-keeper

FRONT VIEW
Gives unobscured view with two rows plate glass shelves and 2 sliding frameless plate glass doors.



BACK VIEW
Consists of 42 stock drawers 12 in. x 10 in. x 4 in. deep, each with handle and card frame to describe contents.

NOW IS THE TIME
to improve your shop display
Size about 5 ft. 6 in. long, 3 ft. high, 24 in. deep at top, sloping to 27 in. at base.

Price **£48** nett.

Delivered free within 50 miles radius. Orders despatched in strict rotation. Quick deliveries of:—

SHOW-CASES GLASS SHELVES DISPLAY STANDS
BLINDS SIGNS SUNDRIES
FIXTURES ALTERATIONS EQUIPMENT

NOTHING TOO LARGE NOTHING TOO SMALL

Office and Showrooms:
23 SMITHFIELD STREET, BIRMINGHAM
Established nearly 50 years. Tel.: MID. 2362.

CULTIVATE
A HIGH-CLASS
TOILET
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FOR ATTRACTIVE
LABELS

GET IN TOUCH
WITH
TOWNSEND
LABEL PRINTERS EXET

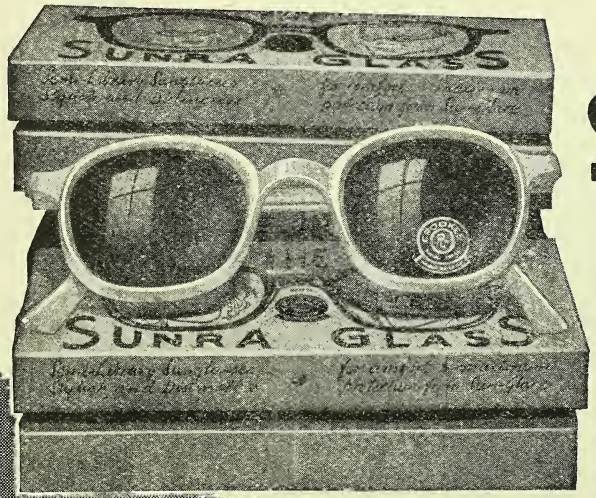
★ LIGHT-UP
YOUR WINDOWS
WITH
Osram
The wonderful lamp
A G.E.C. PRODUCT

Windows are magnets when the lights are on! With bright and attractive illumination they can once again play their full part in selling your goods.

★ TUNGSTEN FILAMENT . . .
FLUORESCENT
TYPES

Your supplier can give immediate delivery

GENERAL ELECTRIC CO. LTD., MAGNET HOUSE, KINGSWAY, LONDON, W.C.2



SUNRA GLASS

AT LAST!

A moderately priced sunglass with the "expensive" look

RETAILS AT

3s. 6d.

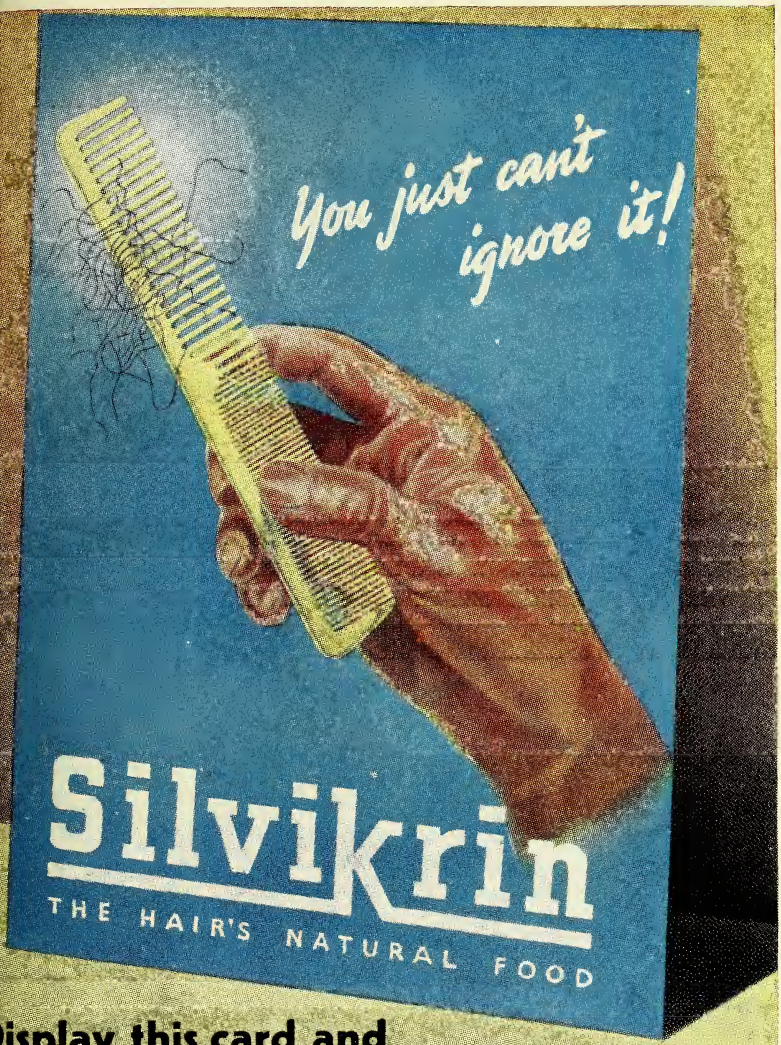
(in two colour box)

Scientifically styled for men and women. Comfortable saddle bridge in two popular fittings.

Available in attractive colours: opaque, transparent and pearl, from your usual wholesaler. There are twelve other models of sunspecs from which to choose which retail from 1s. 0d.

OPTICAL PRODUCTS LTD. 370-372 STATION ROAD, FOREST GATE, LONDON, E.7. — ENGLAND

Telephones: MARyland 1766 & 1550



Display this card and

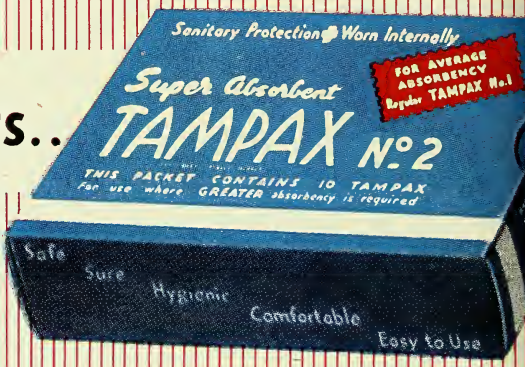
LET THEM SEE you sell Silvikrin

For Silvikrin and Kemt display material write to:

SILVIKRIN LABORATORIES · 145 SYDNEY ROAD LONDON N.10

for some...

for others..



for *all* requirements—

display them side by side

TAMPAX

Sanitary Protection Worn Internally

Experience has shown that when the new Super Absorbent Tampax No. 2 takes its place beside Regular Tampax No. 1 of Tampax in that market rise by as much as 50%. There is a simple reason for this. Some women find Tampax adequate for their needs; others require the 40% greater absorbency of Tampax No. 2. But there are yet others who pu **both** sizes. In all, the two absorbencies—separately or together—cater for all requirements. That's why it's sound busi display them **side by side.** For where women **see,** they **buy.**

REGULAR TAMPAX No. 1. Retail: 1/9 per packet. Trade: 15/9 per doz. packets.

SUPER ABSORBENT TAMPAX No 2. Retail: 2/- per packet. Trade: 18/- per doz. pac

ALSO TAMPAX ECONOMICAL 40'S PACKS

No. 1. Retail: 6/6. Trade: 58/6 per doz. packets.

No. 2. Retail: 7/6. Trade: 67/6 per doz. pa

TAMPAX LTD., *SALES OFFICE:* 110 JERMYN ST., LONDON, S.W.1. *PHONE:* WHITEHA

More than 8,000 Dentists have written for samples of Ammi-dent

For an ordinary circular to busy people like Dentists to produce written requests for Professional Samples from over 50% is simply phenomenal.

It could only happen with something quite outstanding. It has happened with Ammi-dent. Over 8,300 out of 14,000 dentists have written for samples. Many have actually ordered from one dozen to a gross full size 2/6 tins to give to their patients at their own expense.

For Dentists believe that Ammi-dent, the only Ammonium Ion Dentifrice is completely outstanding. They believe it helps to prevent decay.

You know what such a mass of professional recommendations will mean—a demand you can't ignore.

If you aren't stocking yet; ask your wholesaler for a small supply today.

DISTRIBUTORS:

Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1

Ammi-dent

The Ammonium Ion Toothpowder

Actually helps to Prevent Decay

Retail **2/6** incl. Tax. Usual Trade Discounts

MADE AND GUARANTEED BY THE

WINNET DENTAL MANUFACTURING CO., WELWYN GARDEN CITY, HERTS.

REGULAR Deliveries in ALL A

- PROPRIETARY GOODS
- Pharmaceutical Preparations
- TOILET REQUISITES
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- DRUGS AND SUNDRIES

We give an efficient wholesale service, and you can rely on courteous and careful attention to your particular needs.

SIDNICK & Co

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Telephone: MONARCH 5642/3

Esbron
LUNG TONIC
& TROCHES

For Coughs, Colds, Chest and Throat Ailments and also for Asthma and Bronchitis.

It is advisable to get stocks in now—be prepared for the demand following advertisements in the daily papers.

9/- per doz. Retail 1/4½ each.
3 doz. lots 8/9 per doz.

BROOK, PARKER & Co., Ltd.
ASHFIELD, BRADFORD

QUALITY
QUANT

Rolls
1/2

Satino
TOILET PAPER

KWICKDRY PAPER TOWEL
In perforated rolls for Domestic use

Super

The Paper Specialists:
FREEDER BROTHERS PAPER M
BRIMSDOWN, ENFIELD, MIDDL

ere's a EAT SUMMER DEMAND for ASPRO'

When people **know** a product —have tried it and proved for themselves its use and value—they **BUY** it, again and again. Display completes the sale by reminding them just at the right time. For the story of a sale begins outside a shop, wherever advertisements are seen, wherever one member of the public recommends the product to another.

When you display 'ASPRO' you are displaying **a product which is known, used and valued everywhere.** As a result the whole of the possible demand comes your way. 'ASPRO' displays pull more than any others in their class because **'ASPRO' is THE BEST KNOWN OF ALL.** It is a fact that

UR DISPLAY LL ATTRACT OUSANDS of PRO' USERS

'ASPRO' HAS THE LARGEST SALE OF ANY SINGLE MEDICINE OF ITS KIND IN THE WORLD

Made in England by
ASPRO LIMITED, TRADING ESTATE
Slough, Bucks

P.A.T.A.

'ASPRO' REG. TRADE MARK

A NEW LINE THAT IS SELLING WELL!

Display this pack prominently on your counter

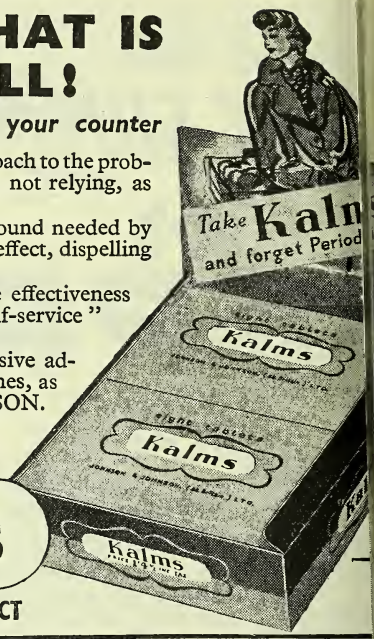
KALMS tablets bring a new, scientific approach to the problem of relief of functional menstrual pain, not relying, as is usual, solely on analgesics.

KALMS contain an assimilable iron compound needed by the system at these times, and have a tonic effect, dispelling depression.

Large-scale factory tests have proved the effectiveness of KALMS, and customers like the "self-service" display.

This profitable line is backed by an intensive advertising campaign in the women's magazines, as well as by the name of JOHNSON & JOHNSON.

TRADE PRICE: 9/- per doz. pkts. plus 3/- tax
RETAIL PRICE: 1/4½d. per pkt. inc. tax



Kalms
(PRONOUNCED "CALMS")

A Johnson & Johnson PRODUCT

· JOHN KNOX · JOHN KNOX · JOHN KNOX ·

A Selection from the Jaynox Range of Chemists Sundries

Jaynox Watch Spring Pessaries — all sizes each in carton 33/- dozen

Jaynox Enemas — complete with fittings ... 49/- dozen

Jaynox Nipple Shields each in carton ... 7/- dozen

JOHN KNOX (STOKE-ON-TRENT) LTD

Jaynox Works, King Street, Fenton, Stoke-on-Trent.

P.A.T.A.

John Knox (Midland) Ltd., 26/38, Dean St., Birmingham,

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BOTTLING CAPACITY REQUIRED

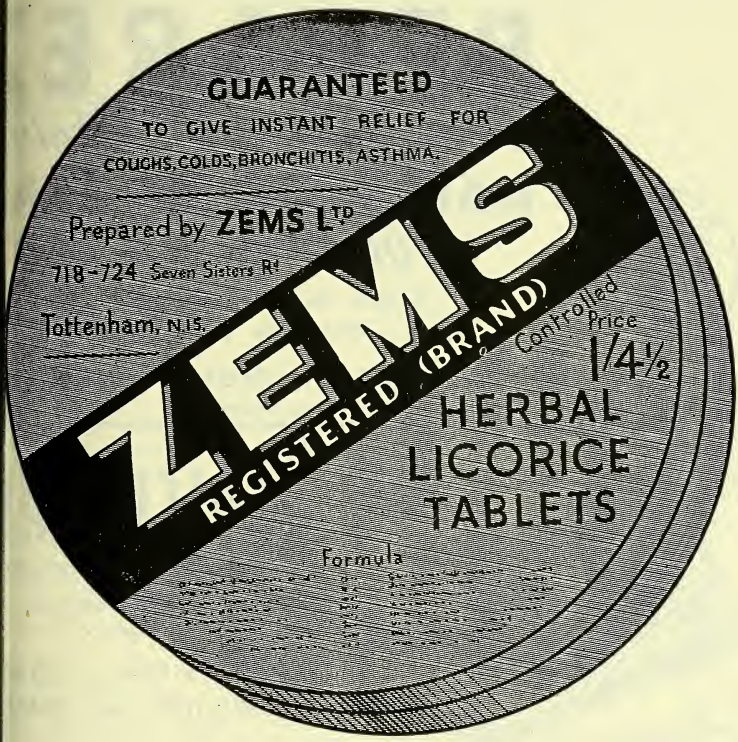
in London during Summer mon

by Soft Drinks Manufacturers whose sales exceed production capacity. All raw materials, etc., supplied ready for bottling. All packaging materials also supplied. Requirement one thousand to three thousand dozen 26 oz. size per week.

Please give full particulars of plant and capacity available in strict confidence to Box A/134

OR EVERY MONTH OF THE YEAR

"ZEMS"
HERBAL LICORICE TABLETS



THE BEST MEDICATED TABLETS FOR COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

Supplies may be obtained from C.F. Wholesale Houses

ZEMS LTD

18-724 Seven Sisters Road, London, N.15

Telephone: STAMFORD HILL 6658-9

It's an EDME product!

BEVAREX

A nourishing and sustaining

MALT FOOD BEVERAGE

of OUTSTANDING merit

Retails at 1/8 per 6 oz. tin
Wholesale 13/6 doz.

Showcards available further particulars from

EDME LTD., IMPERIAL HOUSE, REGENT STREET,

Telephone: REGent 5563-4 Grams: "EDME," Piccy, London Works: MISTLE

COLCHICINE

B.P., U.S.P.

For use in Treatment of

GOUT, ASTHMA, CEREBR
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d-Tubocurarine Chlo

The Pure Crystalline Alkalo
for securing Muscular Relax
tion in Surgical Operatio
and Shock Therapy.

Manufactured by :

PAL CHEMICALS L
PALORIT HOUSE, 11 HARROW RD., LONDO
PADdington 8261

'ROCHE' NEWS IN BRIEF

doxon' Prices Reduced

wing prices are operative to the rom May 16, 1949; retail prices effect on June 13. Discounts are

' Vitamin C (*l*-ascorbic acid)

of:	5 mg.	25 mg.	50 mg.
	—	—	1/9
5	1/3 (no change)	2/-	—
	—	—	6/-
	—	8/3	—
	6/-	15/9	27/-
	11/3	30/-	52/6

'Redoxon' Tablets 200 mg. are d.

ption from Purchase Tax

rchase Tax No. 1 Order 1949, the *dispensing packs* will be available y 2, 1949, exempt from Purchase

	Price per bottle
Thiocol'	
ttles of 80 fl. oz. ...	30/- net.
Redoxon' granules	
ttles of 500	10/- net.
ttles of 2,500	40/- net.
'	
ttles of 80 fl. oz. ...	18/- net.

The exemption is granted providing kings are used for *dispensing pur-*. Orders should specify "dispen-." Other sizes for retail sale are *Purchase Tax.*

N.H.S. Dispensing

is drawn to the fact that when C (ascorbic acid), Vitamin B_1 (an-ydrochloride) or Vitamin B_2 (ribo- prescribed the appropriate proprietary 'Roche' preparation ('Redoxon', 'Benerva', 'Beflavit', etc.) is permitted to be dispensed. The use of our trade-mark products adds in no way to the cost either to the chemist or to the National Health Service.

Pain Relief in Labour

In describing the work done on the newer analgesics by a research team at University College Hospital, London, it is stated that at present "pethidine takes first place among the drugs available" as an obstetrical analgesic. A study of 500 cases showed that 150 mg. injected intramuscularly gave relief from pain without producing respiratory depression in the baby. In this connection it was stated that asphyxia neonatorum is still too often due to the analgesic or anesthetic used and the safety of pethidine in this respect was stressed. *Brit, med. J., 1948,* ii, *155.*

(Pethidine 'Roche' is issued in tablets of 25 mg. and 50 mg. and in ampoules of 50 mg. and 100 mg., also rubber-capped phials.

Massive
VITAMIN C DOSAGE

'REDOXON'
VITAMIN C TABLETS 200mg.

Now issued to facilitate the administration of massive doses, each tablet containing 200 mg. *l*-ascorbic acid (4,000 international vitamin C units).

PRODUCTS LIMITED · WELWYN GARDEN CITY . HERTS
Scottish Depot: 665 Great Western Road, Glasgow, W.2

NOW IN FULL SUPP

THERE is no further need for us to ration chemists' supplies of **Radian** β—the liniment with a difference—because restrictions on essential materials have eased. You can now order your supplies of **Radian** β and be sure of prompt delivery. If you have not done so already, send for the attractive "sell-on-sight" display material and particulars of our extremely generous trade terms.

★ **Brings pain-easing ASPIRIN direct to bruise or sprain—swiftly relieves rheumatic aches and joint pains—is non-oily and non-staining—makes an effective inhalant and alleviates insect bites immediately and effectively.**

Radian β can now be supplied in bulk (1 lb. size and 5 lb. Winchesters) for dispensing purposes, free of purchase tax.

Professional sample and literature on request.

RADIAN β
A PRODUCT OF

THE RADIOL COMPANY
78, UPPER RICHMOND RD, LONDON, S.W.15.

Distributor for Midland area: **JOHN KNOX (Stoke-on-Trent) LTD.**
Other areas from Local Wholesalers or direct from London

Femex REGD.

Drastic cuts in

'FEMEX'

Sanitary Towels

Femex No. 1.....18/-....2/-
Femex No. 2.....22/6....2/6
Femex No. 3.....27/-....3/-
Maternity.....27/-....3/-
Soluble No. 1.....15/9....1/9

High Quality unchanged
IMMEDIATE DELIVERY

WILFRED STRETCH & Co.
LIMITED
CASTLETON · ROCHDALE

Worth selling

FENOLIN FLUID
ELDON Vaporiser
FOR WHOOPING COUGH

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FOR CO AND

HALL FORSTER & CO. LTD.,
NEWCASTLE UPON TYNE

SURE-SELLING ST

OVER 150 YEARS REPU

KEARSLE

THE ORIGINAL
WIDOW WELCH'S

9d. BOX PROFIT by orderin 3/3½ size. Bonus box given dozen (13). It pays to push

C. & G. KEARSLEY
71 Dartmouth Rd., London
Est. 1787

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Millions use KOLYNOS

ldren love KOLYNOS

Push KOLYNOS
YOUR profit is 34⅓%
ON FULL CO-OPERATION TERMS

OUR CUSTOMERS can't help reading 'Kolynos' advertisements ..for each tells a story in pictures. You know an advertised product ells . . . and sells. Display 'Kolynos' and remind customers to buy rom you. And, by the way, how is your 'Kolynos' stock ?

INTERNATIONAL CHEMICAL CO. LTD.

Chenies Street, London, W.C.1

PREMIER RO L FILMS

8 EXPOSURE PANCHROMA IC FILMS (30° SCH)

AVAILABLE FROM STOCK

SIZES P.20, P.62, P.27, P.16

PREMIER PHOTOGRAPHIC SUPPLY CO.
67 CALEDONIAN ROAD · KING'S CROSS · LONDON, N
Tel : Terminus 5C

Now available

NEW, IMPROVED ARRI

—the cream deodorant which also stops perspiration

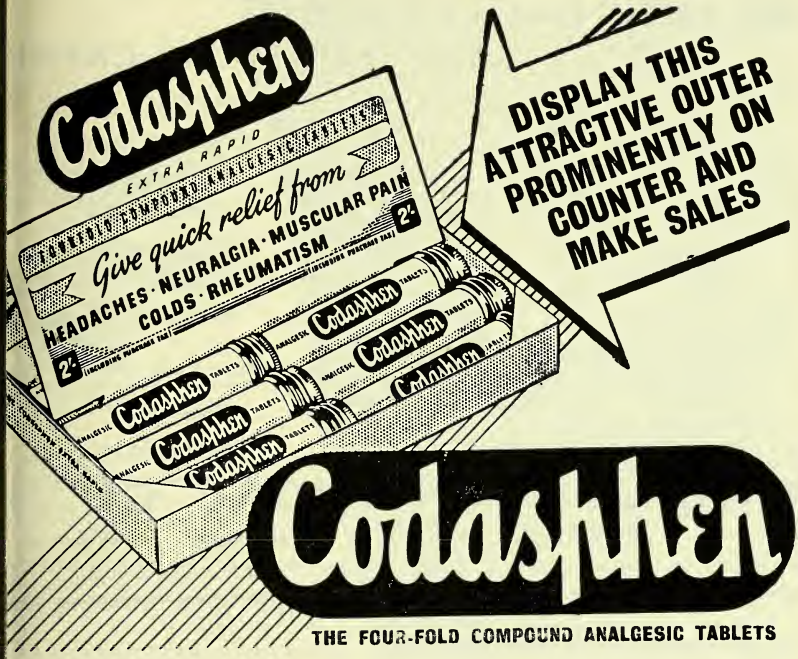
over 8d. profit for you on every jar you sell! Retail price 2/5 including purchase tax

WOMEN are clamouring in the sho fo Arrid—the world's biggest-selling ea deodorant which also stops perspiration. ver tising is being increased, and with a on national campaign running, the demand b something terrific!

Arrid sells on sight, and you make ov 8d on every jar. Easy, quick profits, and sa Gec customers who'll come in for other goods! u'c be well advised to stock up without delay.

ORDER ARRID NOW!

Details of special terms for ARRID, Carter's Little Liver Pills, and other produ from **THOMAS MARNS LTD., 2 CAXTON STREET, LONDON, S.W.1**



ET YOUR SHARE OF HE CODASPHEN SALES

are advertising Codasphen re- rly to tell the public that here, mple tablet form—in dainty alumi- n tubes suitable for pocket or lbag—is the Pain Reliever they been looking for.

regret that as yet not all chemists stocking Codasphen—a fact pain- brought home to us by letters receive from the public—some of m may have been your customers.

OUR ADVERTISING IS PLANNED TO BE MUTUALLY BENEFICIAL.

Order 1 doz. Codasphen now from your Wholesaler—display the Outer prominently on counter, and thus *make our advertising your advertising.* Best Terms for Codasphen, showing up to *37% Profit,* are obtained in Mixed Parcels of Moore Medicinal Products and Clinical Products.

OORE MEDICINAL PRODUCTS LTD

ERDEEN LONDON OFFICE: 64 GLOUCESTER PLACE, W.1. LONDON
WELBECK 5718/9

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Glycols:
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Sterols:
- Cholesterol
- Ergosterol
- Foliculine
- Progesterone

Esters:
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- Glyceryl — Stearates and oleates
- Pthalates
- Abietates
- Benzoates
- Salicylates

Sulphanilamides:
- Sulphanilylmandelate
- Sulphadiazine
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- (Stabilisers)
- Stabilin Series

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30 BAKER STREET · LONDON · W.1

Phone: WELbeck 0264/8 Cables: Watchempro, London

Roll Film

FULLY GUARANTEED AND ATTRACTIVELY PACKED

PRICES:

"20" SIZES ... ... £17 : 10 : 0 per gross
Including Purchase Tax

"27" SIZE ... ... £14 : 10 : 0 per gross
Including Purchase Tax

Immediate Delivery — Carriage Paid

TERMS: Pro Forma Invoice or Cash with Order

FOCUS LTD

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RE, old-established, with good family ther with corner premises. Ground t. Busy main thoroughfare, one minute rs' surgeries. Scope N.H.S. dispensing Apply Dodd, 50 Roker Avenue, Sun. Durham.

DRUG STORE, Kingston (scope and need for chemists) Trade £60 p.w., increasing. 19 years' lease at £3 p.w. Small smart shop, £1,475, s.a.v., or offer. Findlay & Co., 66 Coombe Lane, Raynes Park, S.W.20.

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A.1. Middlesex. Good-class business with turnover upwards of £10,000 p.a.; net profit for last financial year (after allowing for salaries £1,000) exceeded £2,000. Very attractively fitted pharmacy. Two flats above at present sub-let; low net rental. Total purchase price approx. £8,000.
A.2. Mahogany Fixtures, etc. for disposal; situated in Epsom district. "Going concern" value approx. £400-£450. Premises must be vacated by May 31st and first reasonable offer accepted.
A.3. Essex Coast. Drug Store with living accommodation situated in small seaside resort. Turnover for current financial year estimated to exceed £2,500. Under qualified proprietorship the business should possess scope for substantial development. Flat with small garden and space for garage. The nearest chemist is approx. one mile distant. Total price £1,800 approx. Freehold can be purchased or lease will be granted.
A.4. Willesden Green (Near). Attractive pharmacy occupying main road position. Average turnover approaches £7,000 p.a. Goo Total price approx. £4,000, including fixtures estimated at over £1,900.
A.5. Surrey Town. Toilet, etc. busines ing prominent position in main shopp Turnover at the rate of £5,000/£6,000 scope for appreciable increase. Price near offer.
A.6. Whetstone (Near). Drug Store o conversion to pharmacy. Premises occ road position. In view of existing low the business can be acquired for the val stock and fixtures only (estimated at £ are informed that when under qualified torship a few years ago, the turnover w region of £100 per week.
A.7. Kent Coast (Retirement). Well-e pharmacy with flat above. Annual £2,700 approx., but this figure should no criterion of possibilities. Premises at fitted on modern store lines. Low ren price asked £3,000, subject to stock, et

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HOSPITALS FOR DISEASES OF THE CHEST

The London Chest Hospital invites applications for the post of SENIOR ASSISTANT PHARMACIST with charge of the Sterilising Department. J.N.C. salary scale with the range of £415-£490. Applications, with copies of testimonials, to be sent to the Secretary, London Chest Hospital, Victoria Park, E.2.

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Registered ASSISTANT PHARMAC Botleys Park Hospital, Chertsey, J.N.C. (Hospital Staffs) salary, viz., clusive annual increments up to £ Previous experience may determine cor salary. Recently qualified pharmacists Opportunity to take part in prepar sterile products. Whole-time, establish sionable, subject to medical exam. tion, stating age, qualifications, ex with copies of not more than three rec monials to Physician Superintendent, Park Hospital, Chertsey, Surrey.

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Applications are invited from R PHARMACISTS for the following ments:—

ASSISTANT PHARMACIST. At t Hill Hospital. Salary £370-£450 a ye commodation can be provided for a officer.

ASSISTANT PHARMACIST. At the S Hospital. Salary £370-£450 a year. modation can be provided for a male o officer.

J.N.C. conditions of service.

Applications, with full particulars a names of two persons to whom referen be made, should be sent to the Se Dartford Hospital Management Con Room No. 59, The Bow Arrow Hospita ford, Kent.

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AGEMENT COMMITTEE

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uineas weekly.
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alary 10 guineas weekly, to cover
ief and other Group assignments
iod June 20th to September 30th.
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OPOLITAN HOSPITAL
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duty will be 9 to 5. Saturdays
No Sundays or late clinics. Phar-
lding recent qualifications elegible.
possibility of a permanent appoint-
these posts on revised J.N.C. scales.
s, together with details of qualifi-
e, experience and the names of two
be made to the Group Secretary,
e address.

D AND BARKING GROUP
SPITAL MANAGEMENT COMMITTEE.

SSISTANT PHARMACIST.
ons are invited for the post of
harmacist at King George Hospital,
venue, Ilford, Essex. Salary in ac-
with J.N.C. (Hospital Staffs) scale.
xperience not essential, but such
taken into consideration for deter-
mencing salary.
ition is subject to National Health
uperannuation) Regulations and the
ointed will be required to pass a
amination.
ions, stating age and previous experi-
her with copies of any recent testi-
ould be sent to the Secretary, Ilford
ing Group Hospital Management
, King George Hospital, Eastern
lford, Essex, as soon as possible.

LONDON HOSPITAL,

WHITECHAPEL, E.1
cancy for ASSISTANT PHARMA-
lary according to the J.N.C. (Hos-
s) Scale. Experience will be taken
deration in determining commencing
ours normally 9 a.m. to 5 p.m. (on
a.m. to 1 p.m.), Occasional Sun-
and late duty both subject to addi-
nuneration. Applications to Secre-

SFIELD AND DISTRICT HOSPI-
MANAGEMENT COMMITTEE

ns are invited for the post of Locum
CIST for the period of nine weeks,
to September 17th inclusive. Salary
per week, plus third-class return fare
ng to take up appointment.
ns to the Secretary of the Manage-
mmittee, West Park General Hospital,
ld, to arrive as quickly as possible.

G.- P. SIGGINS,
Secretary of the Hospitals
Management Committee.

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LOCUM required for two weeks from September 5th-September 24th. Salary 10 guineas per week. Applications to the Superintendent.

KINGSTON HOSPITAL,

WOLVERTON AVE., KINGSTON-ON-THAMES

Applications are invited for the following appointments at the above hospital: —

(1) DEPUTY CHIEF PHARMACIST. Candidates should have not less than three years' experience in hospital pharmacy, and preferably hold the qualification of pharmaceutical chemist.
Salary on the scale £425 x £20—£525.

(2) ASSISTANT PHARMACIST. Previous hospital experience not essential.
Salary on the scale £370 x £15—£450.

Applications, together with testimonials or the names of persons to whom reference may be made, should be sent to the Medical Superintendent.

LORD AUCKLAND,
Secretary,
Kingston Group Hospital
Management Committee.

THE ROYAL FREE HOSPITAL, GRAY'S INN ROAD, W.C.1

ASSISTANT PHARMACIST

Applications are invited for the post of Assistant Pharmacist. Salary in accordance with J.N.C. scale and previous experience.

Applications, stating age, qualifications and experience, together with the names of two referees, should be sent to the House Governor, The Royal Free Hospital, Gray's Inn Rd., W.C.1.

NOTTINGHAM AREA NO. 4. HOSPITAL MANAGEMENT COMMITTEE
SAXONDALE HOSPITAL,
Radcliffe-on-Trent, Nottingham.

PHARMACIST.

Applications are invited from suitably qualified ladies and gentlemen for the post of full-time Pharmacist at this Hospital, of 1,000 beds.

Salary will be £550 per annum and will be subject to review, in the light of any nationally negotiated scales.

The appointment will be subject to the provisions of the National Health Service (Superannuation) Regulations, 1947-1948.

Annual leave four weeks, including all Bank Holidays.

Applications, accompanied by the names and addresses of three referees, should be addressed to the Medical Superintendent, forthwith.

TOOTING BEC HOSPITAL MANAGEMENT COMMITTEE

DISPENSING ASSISTANT required for duty at Tooting Bec Hospital, Tooting, S.W.17. Joint Negotiating Committee (Hospital Staff) scale of salary. Commencing rate according to experience. Applications, stating age and experience, to the Physician Superintendent.

ST. GEORGE'S HOSPITAL,

HYDE PARK CORNER, S.W.1.

Required, ASSISTANT PHARMACIST. J.N.C. (Hospital Staffs) scale. Applications, with copies of testimonials, to Chief Pharmacist.

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APPLICATIONS are invited for the post of Head of the Pharmacy Department (Grade II). Salary: £800 x £25 to £950 per annum, plus allowances in respect of approved training and degree.

Candidates must be Pharmaceutical Chemists, possess a degree of a British University and have had teaching experience. Research experience and special training in either Bacteriology or Pharmacology are desirable.

Forms of Application and further particulars may be obtained from the Registrar, The Technical College, Sunderland, co. Durham.

Applications should be returned to the undersigned within two weeks of the appearance of this advertisement. Canvassing will be a disqualification.

W. THOMPSON,
Director of Education.

Education Offices,
15 John St., Sunderland,
co. Durham.

THE HOSPITAL FOR SICK CHILDREN, GREAT ORMOND STREET, LONDON, W.C.1.

ASSISTANT PHARMACIST

Applications are invited for this position. Salary, £370 to £450 on J.N.C. Scale, according to experience. Apply, with details of age and experience, to A. Rae, Chief Pharmacist.

THE UNITED LEEDS HOSPITALS. THE GENERAL INFIRMARY AT LEEDS.

Applications are invited for the appointment of ASSISTANT PHARMACIST. Salary commencing at £350 p.a., plus meals when on duty, and with additional payment for stand-by duty. The remuneration payable is subject to adjustment in the light of scales to be made known by the Minister of Health. National Health superannuation scheme in force. Night and week-end duty will be worked in rotation. Previous hospital experience not essential. Applications, stating age, sex and experience, together with the names of not more than three referees, must be sent to the undersigned as soon as possible.

S. CLAYTON FRYERS,
Secretary to the Board.

NATIONAL HEALTH SERVICE ACT, 1946. SHREWSBURY HOSPITAL MANAGEMENT COMMITTEE (GROUP 15) ROYAL SALOP INFIRMARY.

APPLICATIONS are invited for the post of LOCUM DISPENSER (Hall Certified) at the above hospital, for a period of four months commencing June, 1949.

Salary will be in accordance with J.N.C. Scales.

Applications should be sent to the Administrative Officer, Royal Salop Infirmary, from whom any further particulars may be obtained.

J. P. MALLETT,
ROYAL SALOP INFIRMARY, *Secretary.*
SHREWSBURY.
5.5.49.

Vacancies advertised are restricted to employments excepted from the provisio Control of Engagements Order, 1947.

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ASSISTANT, qualified or unqualified, class pharmacy in N.W. London. Go ence of dispensing and counter worl Write Box 6/260.

BALHAM. Wholetime and part-tim wanted to initiate N.H.S. £12 and con increasing business. Write, stating expe qualifications, to Box 6/253.

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BIRKENHEAD & DISTRICT Co-operativ Ltd., require qualified chemist as branc in a Wirral seaside resort. Accommoda able. This vacancy affords an excellent o Apply by letter, stating salary required Manager, 14 Catherine St., Birkenhead.

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CHEMIST AND OPTICIAN on C.P.C. be keen refractionist, and willing to help macy. Stage age, experience and salary G. E. Chapman, 166 Church Lane, S Birmingham.

CHOICE of suitable accommodation, if re appointment. Qualified persons, male o are required to manage attractive phar south-east and south-west districts of Positions are available offering salary fr to £650 per annum, plus generous co Engagements are permanent and progre include entry into superannuation scheme giving full particulars, to the Staff Manag Arsenal Co-operative Chemists, Ltd., 1 St., Woolwich, S.E.18.

COALVILLE. Qualified manager require £550 plus commission (average for last f over £150 p.a.). Apply Francis Halla Broadway House, Broadway St., Burton-

DERBY. Urgently required, experience optician to control busy practice. Late ment in use (Greens—B.R.U.—T.I.B., et cious premises. Ample supporting staff. nency with superannuation. Application full particulars, including salary required, retary, Derby Co-operative Provident Ltd., Albion St., Derby.

DISPENSER, qualified, required as assista for modern drug department of Surre Training given in management and buying able applicant. Excellent opportunity for with initiative desiring scope for adva Apply Staff Controller, Bentalls of Kings

uations Open—Continued

E. Qualified Assistant required (male or high-class dispensing business. Reply ticulars to: H. R. Browne (Chemists), nfield Road, Eastbourne.

E. Qualified manager required for pharmacy (male or female). Apply Browne (Chemists), Ltd., 44 Cornfield ourne.

DWN. Unqualified assistant required duties in good-class pharmacy situated y Rd., Enfield. Permanency. Hours salary for right applicant. Apply in to Cross of Enfield, Ltd., 476 Hert- nfield, Middlesex. Telephone Howard 8.

OPPORTUNITY for young qualified C.P.C. list to take control of sub- tice. Premises about to be vacated after ase; Birmingham-Wolverhampton area.

ising 3 bedrooms, large dining/drawing en and bathroom in Tunbridge Wells, alary, offered to pharmacist able to rol dispensary of high-class pharmacy. sition and permanency for right man. ce held. Reply in confidence, giving ars, including salary required, to Box

ENSER required for pharmacy in North o Sundays or late duties. Please give perience and salary required, to John ., 153 Regency St., London, S.W.1.

RMACIST required immediately to ll chemist's shop, Mill Hill, London. nice locality. Apply Osborne, 6 The . Tel. Elstree 1253.

N SPA. Qualified pharmacist required rge of good-class dispensing pharmacy. trict. Private flat provided, if required. qualified or lady pharmacist. Apply n, 90 Warwick St., Leamington Spa.

W.1. Qualified or unqualified assistant Half-day Saturday, no Sunday duty. rmanent with good prospects. Apply, details of previous experience, to Box

FEMALE, qualified, required for busy rug store in Bayswater. No counter l remuneration. Please send full details 7.

ER (Southern suburb). Pharmacist (lady n) required for an old-established busi- ood-class dispensing. Permanent, con- ion for suitable person. No Sunday or . In reply please state full particulars, lary required, to Box 6/243.

TABLE accommodation in the Ilford, almers Green and Edgware Areas of n be provided, along with a salary of to £650 per annum plus dispensing , security of tenure, and pension fund, ced branch manager pharmacists. The re only open to men or women of ing pharmaceutical progress. Box 6/278.

E-UPON-TYNE Co-operative Society re pharmacist (male or female) as relief vith status of branch manager). Excellent for young or ex-hospital pharmacist. position. Superannuation scheme.— stating full particulars of experience, required, to Superintendent Chemist, Co-operative Society Ltd., 117 Newgate vcastle-on-Tyne, 1.

, qualified, required, either sex, for ising duties only. London W.11 district. 6/248.

PHARMACIST. West Fife. Permanency from 1st July. With view to partnership and succession. Box A/159.

PHARMACIST, lady or gentleman, able occasionally to take charge. Congenial post. Up-to-date pharmacy. Small country town. Pleasant surroundings. Suitable accommodation arranged. State age, salary, etc., to R. J. Farmer, High St., Tutbury, nr. Burton-on-Trent.

PHARMACIST required. Capable of managing branch. Good prospects. House available. Superannuation fund in operation. Apply by letter stating age and experience to Secretary, Hartlepools Co-operative Chemists, Limited, Stockton Street, West Hartlepool.

PHARMACIST REQUIRED to manage branch in the West End of London. Hours 9-6. Light dispensing. Minimum salary and commission £12 10s. weekly. Position permanent, prospects excellent for person possessing salesmanship. No living accommodation. Write, giving brief particulars in first instance, to Box 6/142.

PORTSEA ISLAND Co-operative Chemists, Ltd., require pharmacist as branch manager. Permanency. Excellent prospects. Superannuation fund. Accommodation available. Applications in writing, stating age, qualifications, experience and salary required to Executive Officer, 110 Fratton Road, Portsmouth. Endorse envelopes: "Pharmacist."

QUALIFIED ASSISTANT required for counter and dispensing in high-class pharmacy (T.S.A. licence). High remuneration. Permanency. Accommodation will be found if necessary. Chavé & Jackson, Ltd., Hereford.

QUALIFIED men or women, capable of managing chemist business, required for London and Home Counties. Send full details of experience and qualifications and requirements. Box 6/249.

QUALIFIED OR UNQUALIFIED man or woman. Experienced dispenser essential. Good salary, North West London. Apply Box A/139.

QUALIFIED PHARMACIST (male or female) as assistant for central pharmacy and branch relief. House available. Permanency, good prospects, superannuation scheme with transfer clause. Application giving full details to Crewe Co-operative Friendly Society, Ltd., Co-operative Street, Crewe.

SHEPHERD'S BUSH AREA. Owing to death circumstances there is an immediate vacancy for a pharmacist to take over the managership of a substantial working-class business; part interest can be acquired either immediately or over a period. Excellent opportunity for young, ambitious chemist with limited capital resources. Please apply initially to Ernest J. George & Co., 329 High Holborn, W.C.1. Telephone Holborn 7406.

SURGICAL. Young man required with knowledge of surgical instrument trade. Accustomed to dealing with doctors. Experience in appliance fitting an advantage but not essential. Permanency. Particulars of experience, age, and salary required, to: G. E. Bridge & Co., Ltd., 125 Old Christchurch Rd., Bournemouth.

THE DIRECTORS of the Manchester & Salford Equitable Co-operative Society, Ltd., invite applications from persons holding pharmaceutical and optical qualifications for the position of assistant drug departmental manager. The successful applicant will be required to take charge of the optical side of the business under the control of the drug department manager. Superannuation fund, with transfer scheme, in operation. If required the directors will endeavour to provide suitable housing accommodation. Applications, giving full details, should be addressed to the Secretary, General Offices, Downing St., Manchester, 1.

WANTED. A young qualified dispenser, male; one just completed college; for a good-class dispensing business. Evans, Central Pde., Orpington.

Situations Open—Continued

UNQUALIFIED assistant required for dispensing and counter duties. Good experience essential. No living accommodation available. Apply by letter, with full particulars, to V. J. Woolls, Ltd., Chemists, 214 Northdown Rd., Margate, Kent.

WANTED. Qualified pharmacy branch manager. Good wages; superannuation scheme. House available. Apply: General Manager, Co-operative Society, Ltd., Long Eaton, nr. Nottingham.

WE HAVE SEVERAL interesting and well paid vacancies for unqualified staff in the London Areas of Ilford, Greenford, Battersea and Edgware. Applications in first instance to Superintendent Chemist, London Co-operative Chemists, Ltd., Grange Road, Leyton, E.10.

WEST LONDON. Pharmacist-manager required for newly established business. Commencing salary £600 per annum plus participation in net profit to be agreed. Flat above would be available for occupation if necessary. Excellent opportunity for young, ambitious chemist. Please communicate initially with H. F. Breakspear, M.P.S., Marlow Rd. Corner, Maidenhead. Telephone Maidenhead 333.

YOUNG LADY ASSISTANT (unqualified) required for high-class drug stores. Counter, window dressing, etc. No dispensing. Congenial post. Reply, giving references, and stating salary required to Marshall and Marshall, 309/11 Lincoln Road, Peterborough.

LOCUMS WANTED

AMOORE & CO., 173 Sloane St., require qualified locum two weeks from June 27 and two weeks from July 16.

BRADFORD. Qualified locum required for July 25th to 30th inclusive and August 8th to 13th inclusive. Goodall, 544 Manchester Rd., Bradford. Tel. 24456.

LEEDS. Qualified locum required for August 15th to 27th inclusive. Goodall, 94 Burley Rd., Leeds. Tel. 26118.

NEWCASTLE-UPON-TYNE Co-operative Society Ltd., require pharmacists (male or female) as locums. Long and short term periods. No rota or late duties. Dispensing only. Adequate and efficient supporting staff. Saturday half-day.—Please state dates available and term required to the Superintendent Chemist, Newcastle Co-operative Society, Ltd., 117 Newgate Street, Newcastle-on-Tyne, 1.

REQUIRED FOR THE LONDON AREA: long and short term period male or female pharmacists as locums. Excellent salary, commission and expenses. Application in first instance to Superintendent Chemist, London Co-operative Chemists, Ltd., Grange Road, Leyton, E.10. Telephone No. Leytonstone 56/1.

RETAIL (OVERSEAS)

OVERSEAS EMPLOYMENT, qualified pharmacist required for Kenya. Five years minimum. Salary commencing £50 month increasing annually; plus 10% living allowance for cost of living; passage paid out. Written applications giving (1) full name; (2) date of birth; (3) whether married or single, if married how many children; (4) medical grade if known; (5) qualifications and experience; (6) name and address of present employers; (7) details of present work. Should be sent to W. A. Sparrow & Co., Ltd., 65 London Wall, London, E.C.2.

PHARMACISTS, single men, required for tours of four years each by company with head office in Nairobi and branches throughout East Africa. Salary scale £630 x £30 annually to £720 x £50 annually to £920, plus cost-of-living allowance at present £120 per annum. Commencing position on the scale will depend on experience. Two weeks' annual local leave and three clear months' home leave at end of each tour. Passage pai Contract renewable by mutual agreer of each tour. Apply Box A/120.

WHOLESALE

ACCOUNTANT (male) required by m chemists. Apply, stating particulars of age and salary required. Box A/160.

AN ETHICAL pharmaceutical firm in L to engage an advertising manager. T ment will carry responsibility for (a) advertising, including the placing of printers, lithographers and engravers, (b) the editing of a bi-monthly pu medical products. A person who has ence with a firm of advertising agent preferred. Apply, giving full particul education, qualifications, experience required, to Box 6/281.

AN OPENING EXISTS for an unqualifi who considers he has a flair for rep Wholesale chemists distributing house ha North-West London, part of Middlesex, Bucks for such a man who would be work hard and obtain a progressive posit expenses and commission. Send full pa first instance, to Sales, Box 6/246.

ANALYTICAL CHEMIST required by firm facturing chemists. Ability to underst pharmaceutical analysis essential. S.E. 1 trict. Applications, with details of exper to Box A/163.

ANALYTICAL CHEMIST required for equipped laboratory of a firm of ma chemists in N.W. London, to control of raw materials and finished produ prospects. Please write stating age, qu experience, and salary required, to Bo

APPLICATIONS are invited for position sentatives or Sole Agents with progres manufacturing highest quality pha specialities in popular demand. Terri South London, Kent, Sussex. 2. West South Wales. 3. Herts., Bucks., Beds., ford, Midd'esex. 4. North Lancs., Cu Westmorland. Applicants must be c with long, successful selling careers. remuneration and exceptional prospects scientious salesmen with initiative and d details in strict confidence to Sales Dire 6/277.

APPLICATIONS ARE INVITED for the assistant to the chief pharmacist. Applic may be of either sex, should have had perience in a manufacturing house, esp the preparation of solutions for inject particulars may be obtained from: Chief cist, British Schering Manufacturing La Ltd., Macclesfield Rd., Hazel Gve., Ch

ASSISTANT CHEMIST required by old-e pharmaceutical house, London (N.W. are week. Manufacturing experience esse gether with interest in analytical work. writing, giving essential details age, sal to Box A/169.

BIRMINGHAM AREA. Qualified assist manufacturing laboratory and aseptic de of well-known firm. Holders of T.S.A. 5 day week. Modern detached house Apply giving particulars of experience a expected to Box A/165.

BOOTS PURE DRUG CO., LTD., have vac their control division for qualified assistant aged 27-35 with practical experience in trol of medicinal and pharmaceutical prep Applicants must be capable of taking respo the positions will carry suitable salaries a good prospects of advancement. Applica Personnel Manager, Station St., Nottingha

uations Open—Continued

SION of the Ministry of Labour & rvice. Foreman, Tablet Department. ng chemists, London, have a vacancy tent man experienced in all branches oduction. Details to Box 6/257.

SION of the Ministry of Labour & rvice. Foreman, Laboratory. Laboraquired by London manufacturing the manufacture of pharmaceutical Five-day week. Reply, with full derience, to Box 6/256.

quired for work in the production de- a pharmacist manufacturers in the n area. Previous experience desirable ntial. Canteen. Superannuation scheme giving details of age, experience and ed. Box A/153.

VALUER: Vacancy for business man to company. Directorship will be availbe experienced in the drug trade. details and if possible enclose recent Box 6/258.

RATORIES, LTD., Horsham, require a rvisor, age 30-35, with experience of lling, labelling and packaging of pharspecialities by modern mechanical pplicant should be a good disciplinarian nce of handling female labour. The ermanent and a contributory pensions n operation. Apply, with full particuation and experience, giving an indicary required, to Works Manager, Ciba , Ltd., Horsham, Sussex.

RATORIES, LTD., Horsham, Sussex, reng Pharmacist, B.Pharm., Ph.C., prework in their modern factory manuwide range of ethical specialities. of the preparation of parenteral solus and ointment an advantage. Applibe a good disciplinarian and able to le labour. The position is permanent ive with a contributory pension scheme . Apply giving full particulars of age, nd experience together with an indicary required to Production Manager, atories, Ltd., Horsham, Sussex.

REPRESENTATIVES already calling on rsing homes, etc., wanted by old-estabo carry additional food lines. Generous basis. For further information, write c/o Streets, 110 Old Broad St., E.C.2.

HIP VACANCY. Chemists' valuers. ntleman with experience of the drug ortunity to join company. Credentials Write, giving full particulars, in strict experience and age. Box 6/254.

CLERK, one used to checking and packed by City wholesale house. Write, ls of experience and age, to Box A/82.

SALESMAN calling upon chemists and carrying one or two non-competitive red by old-established company selling ge of nationally advertised pharmaceucosmetics. Commission only. Write in e, giving full details to Box A/135.

AL OPPORTUNITY for four young ntred in London, Glasgow, Manchester, , to train as perfumery representatives. mission and expenses. Box A/172.

UALIFIED ASSISTANTS, either sex, are work in connection with the preparautions for injection. Full particulars ained from: Chief Processing Pharma- Schering Manufacturing Laboratories, lesfield Rd., Hazel Gve., Cheshire.

EXPERIENCED REPRESENTATIVE required for sale of veterinary requirements to veterinary profession only in area Kent, Hampshire and Surrey, with adjoining counties. Knowledge of veterinary products essential. Apply Box A/264.

EXPERIENCED REPRESENTATIVE required for sale of veterinary requirements to veterinary profession only in area Devon, Cornwall and West Counties. Knowledge of veterinary products essential. Apply Box 6/263.

LADY PHARMACIST required to supervise small scale manufacture and packaging of medical preparations. Progressive post. King's Cross area. Please write giving full particulars, etc., to Box A/128.

LIVE REPRESENTATIVES with good-class connections chemists, hairdressers, stores, etc., to carry excellent range sun glasses. Delivery from stock throughout season. 10 per cent. commission. Good territories available, including South, East and West Coast towns. Write stating territory. Box 6/261.

LONDON WHOLESALE manufacturing chemists have a vacancy for a first-class representative in the Midlands. Applicant would be expected to have a good knowledge of the drug trade. Splendid opportunity for conscientious, hard-working man, who would be taking over an existing connection. Car owner preferable but essential. Box 6/242.

MANUFACTURING CHEMIST in S.E. London require pharmacist for supervision of dangerous drugs and poison department. Previous experience in wholesale trade not essential. Full details to Box A/162.

MANUFACTURING COMPANY requires representatives in all districts to call on wholesale and retail chemists (not both) with a new line just introduced to the trade. 7½% and 12½% commission respectively. Owing to large potential sales only first-class applicants considered. Send full details to Box 6/252.

MEDICAL REPRESENTATIVE required by progressive manufacturers of ethical products to cover South-east London and Kent. Applicants under 30 years of age must have pharmaceutical or equivalent qualifications. Write: Sales Manager, Ciba Laboratories, Ltd., Horsham, Sussex, giving age, qualifications, experience, and salary required.

MEDICAL REPRESENTATIVE required for London by old-established London manufacturing chemists to call on doctors, dentists, hospitals and the retail and wholesale trade. Applications invited from men, 23-35 years of age, trained in pharmacy, qualified or unqualified. Previous outdoor experience not essential, but knowledge of London an advantage. State age, experience, and salary required. Box A/168.

MEDICAL representative for propaganda and sales to doctors, retail/manufacturing chemists, hospitals; required by manufacturers of ethical products for Derby, Nottingham, Leicester, Stafford and Shropshire. Car an advantage, must reside in territory. Full particulars of age, experience, salary required to Box A/175.

MIDLANDS AREA. A representative, car-owner and with experience in handling pharmaceutical preparations, is required by well-known London House. Excellent prospects are assured for a progressive and conscientious man. Good salary, expenses and commission. Please give full details including age. Applications, which will be treated in strict confidence, should be addressed to the Managing Director. Box A/146.

MOLYNEUX PERFUMES offer great possibilities for an increasing income of salary and commission to experienced travellers already covering North of England from Durham, Midlands, Wales, London and Southern Counties. Write details to Molyneux, 48 Grosvenor Street, W.1.

Situations Open—Continued

MIDLANDS AND SOUTH COAST representatives required with good connection chemists, stores, etc., for nationally advertised proprietary medicine. Write, giving full particulars, Box A.C. 41033, Samson Clark's, 57-61 Mortimer St., W.1.

Eucryl Ltd., require for East Anglia an experienced Traveller on a comm ssion basis. Written applications only to Sales Manager, Eucryl Ltd., Southampton.

NORTHERN IRELAND and Eastern Counties. Well known manufacturing chemists, with established connections, require the services of two representatives to cover the above territories. Full particulars of past experience and salary required to Box A/138.

NOTTINGHAMSHIRE. Very old-established company requires immediately an experienced representative with connections amongst chemists, grocers, etc., in the county of Nottingham. Salary and commission. Write, stating experience, to Box 6/286.

OLD-ESTABLISHED West Country wholesale chemists and drysalters invite applications for the position of superintending pharmacist. The position offers excellent prospects to an applicant with a sound knowledge of the trade plus initiative and ability to control staff. Full particulars and salary required. Box 5977, Glovers Advertising, Mark Lane, Bristol, 1.

OPPORTUNITY for live wire salesmen all territories, with connection retail chemists, stores and Co-op chemists, to introduce unique toilet line non-competitive on a commission basis. Apply in confidence stating area covered, other lines handled, age and experience to Sales Manager. Box 6/271.

OPTREX, LTD., require a representative for Northumberland, Durham, Yorkshire, Lincolnshire and Nottinghamshire. Applicants must have good connection with chemists and Co-operative stores. Payment by salary and commission; travelling expenses paid. Own car an advantage. Apply with fullest particulars to Managing Director, Optrex, Ltd., 17 Wadsworth Rd., Perivale, Middlesex.

PHARMACEUTICAL HOUSE of high repute requires the services of a representative for London, Surrey, Devon and Cornwall to detail medical and dental professions. Must have had similar experience with reputable houses. Apply stating age, experience and salary required to Box A/151.

PHARMACIST required for supervision and control in manufacturing departments of large firm of manufacturing chemists, Manchester area. Write giving full details qualifications, experience of factory work, age, salary, etc., to Box A/144.

PHARMACIST required by leading firm of distributors as representative for Lancashire, to sell well known proprietaries and dressings to all available outlets. Age about 35, car owner, residence on territory are essential qualifications. Salary and adequate expenses. Applications giving full details of past experience and salary required to be submitted to Sales Manager, Box A/143.

PRICING CLERK required by London wholesale chemists. 5-day week. Write with particulars of experience, salary required. Box A/164.

PILL AND TABLET COATER experienced in all grades of work is required by manufacturing chemists, London area, working 5-day week. Excellent opportunity for suitable applicant. Write, giving age, experience, and salary required, to Box A/171.

REPRESENTATIVE required on commission b sale of paper and bags and toilet tissues. Box

REPRESENTATIVE required calling on doct chemists in Essex and Sussex and doctors, and veterinary surgeons in North and Nor London, Middlesex, Hetfordshire, Buck shire and Essex, for wholesale manuf house. Reply giving full details, experienc to Box A/7.

REPRESENTATIVES wanted by manufactu nationally advertised range to call on c stores, etc., in South and South-West Salary, commission, expenses. Apply wi particulars to Box A/154.

REPRESENTATIVES REQUIRED, all Count new essential product now manufactured licence. Generous terms. Write or call, Valentine & Company, Ltd., 116 Victo London, S.W.1.

REPRESENTATIVES required, all territories, competitive range perfumery and toilet tions. Must be able to prove connectio ability and integrity. Car owners essential. and good commission, no objection to oth carried. Write full details Dellwood Ltd., land Road, Walthamstow, E.17.

REPRESENTATIVES required to carry e range of imported American hair brushes, compacts, perfumed sachets and puffs, etc., on department stores, high-class chemists dressers. Car owner with connection pr Generous terms. Box 6/194.

AN ESTABLISHED firm of Manufactu Chemists in London, with a large home export trade, require a Sales Manager, ferably with pharmaceutical qualifications man of executive ability is sought with a knowledge of the trade, particularly development, the control of representat etc. The post carries a good salary and o a permanent career to a man capable undertaking increasing responsibilities. Pl reply giving age and details of experienc which will be treated in the strictest c dence—to Box A/6.

SALES MANAGER. Required, experience with thorough knowledge of ethical trade by lished, expanding business. A secure positio unlimited future and scope for advancemen gressive salary commensurate with respon Applicant must have sales and medical repr tion experience and be prepared to show his with results. Write full details, age, salary re to Managing Director, Allied Laboratories, 140 Park Lane, W.1.

SHIPPING MANAGER required by British co marketing ethical pharmaceutical products. esting appointment for young man with exp and initiative. Write, giving details of p history. Box 6/240.

SHIPS' SURGERIES INSPECTOR. London. pharmacist required, registered M.P.S., to and overhaul ships' surgeries in London. stating age, to Box 721, c/o George Murra vertising), Ltd., 184 Strand, London, W.C.

SUPERVISOR. Female supervisor require factory in Surbiton district. Experience in th duction of cosmetics preferable, and capa controlling approximately 150 girls. State f tails of experience and salary expected, t CD102, L. P. E., 110 St. Martin's Lane,

Situations Open—Continued

& DOHME LTD., require the services of a of medical representatives. Territories include:—(1) South Yorkshire. (2) Derby- d Staffordshire. (3) Norfolk, Suffolk and geshire. (4) Counties of Gloucester, Wilts. nts. (5) Counties of Northants, Oxford, Bucks. and Berks. (6) East Scotland. ts should be resident on territory and good pharmaceutical or medical background. aining will be given. Considerable scope is n these staff positions, affording interesting emuneration is by salary, commission and Please send brief personal details to ales Manager, Sharp & Dohme, Ltd., on, Herts.

N LABORATORIES, LTD., require a first- presentative to cover Yorkshire, Northum- and Durham, preferably residing in Leeds, or Sheffield. Position offers excellent ities for a keen man, under forty, pre- car owner. Remuneration is by salary, on and expenses, and applicants should confidence, giving full particulars of ex- age, etc., to The Sales Manager, Southon ries, Ltd., 84/88 Upper Richmond Road, S.W.15.

AL INSTRUMENTS SALESMAN for West owroom. Experience essential. Apply in Willen Bros., Ltd., 44 New Cavendish

AL INSTRUMENTS. Experienced repre- , London and Home Counties. Apply Bros., Ltd., 44 New Cavendish St., W.1.

MAKER. An old-established manufactur- se (N.W. area) have an opening for a nt man thoroughly experienced in all of tablet production. Write, stating age, equired, together with outline of career, A/170.

RBAY BATH SALTS COMPANY, 38 Tor Hill orquay, Devon, require representative to additional line on generous commission tate full particulars of experience and area nt covered.

LER, EXPERIENCED, wanted to take over connections, calling on Co-op. stores, and general dealers in Northumberland and areas. Give full particulars of experience, es, etc., Snowdon & Co., Wholesale Chem- wcastle-on-Tyne, 1.

LER WANTED by a well-known old-estab- ompany. Must have a good connection emists and stores in Birmingham, Mid- carry an additional line on a commission oods are first-class and we have a con- mand for these goods. Box 6/262.

LIFIED assistant required for manufacturing ry of old-established wholesale house in s. Experience in manufacture of galenicals . 5-day week. Box 6/255.

LIFIED MAN OR WOMAN take charge or in small laboratory. London, E.C.1. ox A/140.

SMEN WHO CALL ON CHEMISTS STORES and can carry additional lines ed by sole selling agents for 3 established, ally known and advertised products. Three en required in the following areas. (1) Four rn counties, (2) Birmingham area, and (3) nglia (London to Wash). All three products ising sales. Applicants must be representing irst class houses, have worked ground at en years, and have established connection. lines now carried, precise area covered, of regular ourney, whether own car, age and xperience in detail. Generous commission to with good sales record. Box A/174

UNQUALIFIED ASSISTANT required. Preferably with experience in the preparation and filling of injection solutions. West London area. Reply giving details of experience, salary required etc. Box A/152.

WELL-KNOWN PARISIAN parfumeur seeks well-connected salesman carrying non-competitive lines to introduce perfumes and cosmetics to high-class houses on commission basis. Areas available, London, South of England and Midlands. Apply, giving experience. Box 6/212.

WHOLESALE (OVERSEAS)

ASSISTANT REQUIRED in export sales organisation of well-known manufacturers of ethical pharmaceuticals and fine chemicals. Single men (23-30) with sound technical or scientific background willing to serve eventually in India and/or Far East are invited to apply. Good prospects for the right man. Apply Far East Box A/173.

INDIA AND FAR EAST. May & Baker, Ltd., Dagenham, Essex, invite applications from pharmacists for positions as junior sales managers in their offices overseas. Candidates must be single men, age not over 28 years, and should have had a good education, with previous selling or sales office experience. Please apply initially in writing giving full details of education and experience. Reference No. 2826 must be quoted on all applications which should be addressed to the Personnel Officer.

SITUATIONS WANTED

18 words 3/- (minimum) then 1d. per word. Box 1/-

RETAIL (HOME)

CHEMIST OPTICIAN (C.P.C.), desires management, preferably with succession of good-class business, West Country preferred, extensive experience. Box 6/275.

COUNTER HAND (male) seeks position in City if possible. Good window dresser, smart appearance, experienced City quick trade. All letters answered. Box 6/279.

WHOLESALE

BUSINESS MAN, partially incapacitated, would appreciate offers of employment either whole or part time which would enable him to operate from his own office in London. Box 6/209.

EIRE. Representative (30) seeks employment. Good contact chemist-opticians, energetic, optical diploma. Give details salary, etc. Box 6/282.

EXPERIENCED REPRESENTATIVE offers excellent connection, wholesale and retail chemists, departmental stores, Kent, Surrey, Sussex, Hants. Salary, commission, expenses. Box 6/208.

EXPERIENCED REPRESENTATIVE, well-educated with first-class clientele among hairdressers, chemists and stores in London and Home Counties, seeks good representation. Car owner. Box 6/276.

EXPERIENCED TRAVELLER wishes to represent firm of repute, for the South West Territories. Salary, commission, car, and expenses. Nine years' service with Messrs. Bob Martin, Ltd., Southport, Thomas, 2 Oakwood Road, Henleaze, Bristol.

EXPERIENCED WAREHOUSE manager/buyer (37) seeks change. 18 years present position. Intimate knowledge purchase tax, maximum prices, etc. Box 6/250.

PHARMACIST (34), requires position, managerial (retail) or departmental control (wholesale). No accommodation is required if within reach N.W. Surrey. Excellent and experienced background. Box 6/274.

REPRESENTATIVE, calling hospitals London to coast, desires change. Salary, commission basis. Box A/157.

Situations Wanted—Continued

REPRESENTATIVE. 7 years' experience selling to chemists, drugs, toilets, tablets and sundries, requires position with known house to cover Kent. Car owner. Salary, commission and expenses. Interview preferred. Full details to Box 6/225.

REPRESENTATIVE seeks opportunity to represent well-established firm. Retail experience. Good connection chemists, grocers, stores, etc., Essex and Suffolk area. Will consider position home or abroad. Box 6/237.

REPRESENTATIVE covering Kent, Sussex, Surrey and Hants, could handle additional line, not perfume, on part expenses and commission basis. Car owner. Box 6/259.

SALES EXECUTIVE. M.S.M.A., desires appointment as sales manager to manufacturer of good class cosmetics or would represent well established house with good sales proposition. Fully experienced in all phases of sales promotion and management both at home and overseas. Excellent sales record and references. Box 6/287.

SALES AND FACTORY executive, age 41, 24 years' comprehensive experience of the trade, well versed in manufacturing, wholesale and retail and in sales and factory management, with good organising ability, seeks good position with reputable firm. Box 6/238.

UNQUALIFIED, disengaged, aged 35, seeks responsible London wholesale or manufacturing post. Office, sales distribution, stock control. Box 6/236.

UNQUALIFIED. 22 years' experience wholesale and retail, all branches, desires representation. Reputable sundries or wholesale manufacturers, Yorks, Lancs, Cumberland. Box 6/251.

AGENCIES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

AGENTS earn yourself £10 to £20 per week in spare time selling "Deep-Wave" home perm. outfits to friends, etc. Write for details, Deep-Wave Products, 16 Harborough Rd., London, S.W.16.

DISTRIBUTING and sales organisations. The manufacturers of an established proprietary brand of toilet brushware in the Home Counties wish to appoint distributing and sales organisation covering the British Isles. Enquires are invited from organisations of standing. Box 6/265.

SURGICAL DRESSINGS, sundries, etc. Agency required by manufacturing pharmaceutical firm with strong personal connections in Kent, Surrey, Sussex and South London. Conscientious representation guaranteed. Whole area covered regularly by one of the principals. Box 6/285.

WHOLESALE DISTRIBUTORS required with excellent connections covering Northern Ireland and Scotland to introduce unique toilet line non-competitive. Please state full details in confidence to the Sales Manager. Box 6/270.

AGENCIES WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

DENMARK. Energetic, well-introduced import agent wishes to represent manufacturers of chemicals and glues, etc. First-class references. 11 years' experience abroad. Apply Box A/161.

INDUSTRIAL CHEMICALS and pharmaceutical chemicals. Manufacturers' agent in Buenos Aires, with excellent connections, seeks sole-agencies for the Argentine on commission basis. Letters to ABC Box 6/290.

WELL-KNOWN REPRESENTATIVE seeks agency for small advertised side lines. Coverage given regularly in following Midland Counties: Warwicks., Worcester, Staffs., Salop, Leicester, Notts., Derby, also Cheshire and North Wales Costal Towns. Box 6/266.

BUSINESS OPPORTUNITIES

36 words 17/6 (minimum) then 4d. per word.

AUSTRALIA. London pharmaceutical m turers intend sending out their representati 1950 for market research and to make contacts. They would like to share expens non-competing firm similarly interested. E in confidence to Box A/108.

MANUFACTURING CHEMISTS have faciliti space available for the manufacture and/o ing of domestic, industrial or toilet produc tle, powder and tube filling. Frank Macowa 30 Loughborough St., S.E.11. Reliance 34

MANUFACTURING CHEMISTS in Londo facilities for tableting and any kind of p ceutical manufacture. Qualified staff availa packing all kinds of industrial and pharma preparations including ampoule and tube Apply Box A/142.

PROPRIETORS of well-known French face etc., require a firm to pack and distribut products. Equipment and packs availabl all particulars, Write Box No. 608, Art Dixon, Ltd., 229/31 High Holborn, W.C.2.

THE PANDA ROLL FILM CO. invite inquir tail and wholesale) from chemists requiring of a new non ex-R.A.F. film. Supplied or return. Free advertising supplied. Liber terms. Limited quotas available. Panda R Co., Ltd., 12 Laings Corner, Mitcham, S

FOR SALE

36 words 8/6 (minimum) then 3d. per word.

ALITE 150 lb. sifter-mixer with elevator a tributor. Albro vacuum powder filler. pin-disc mill. S/steel trolley-tanks, 25/50- S/steel storage tanks, 12-gallons. Musgrave c traction plant, etc. Excellent condition. See don. Particulars Box 6/189.

FOR SALE: surplus to requirements, 30 cwt cerine, B.P., and 22 cwts. Glycerine, Pale Please send offers to Box 6/269.

SHOP FITTINGS. Mahogany wall cases (1 high, 4 ft. wide. (2) 7 ft. 4 in. high, 6 ft Counter display cases (1) curved front 3 ft 1 ft. 3 in. high. (2) Plate glass front a 6 ft. 9 in. long, 1 ft. 6 in. deep, 8 in. 2 carboys, pear shape, 2 ft. 6 in. high. Bea weighing machine. Cash register, £2 19s. excellent condition, mahogany finish, etc. Kensington, offers invited, part or whole 6/280.

SMALL SURPLUS of 30 cwt. Powdered m tract lying in London. Immediate delivery. ples sent. Offers welcomed. Write, Box F7 Streets, 110 Old Broad St., E.C.2.

SURPLUS STOCK. Offers wanted to clear t lowing:—Approx. 16 gross 2-oz. squat jars, caps. 70 gross 2-oz. tall jars, black caps. 1-oz. jars, black caps. 10 gross 6-oz. plain me 3 cwt. boric ac. pulv. 6 cwt. finest cre 11 cwt. zinc oxide. Wesco House, Ltd., Bri

WANTED

36 words 8/6 (minimum) then 3d. per word.

ADVERTISER wishes to purchase up to 5 gr tles (initial order) suitable for exclusive ow eye lotion. Blue glass, fluted, bakelite scre Up to 6 fl. oz. capacity. Westlake, 255 B Rd., Oxford.

GLYCERINE, B.P., required in small or large tities by manufacturer. Offers to Box 6/23

MANUFACTURER desires supplies of glyce augment allocation. Offers to Box A/2.

REQUIRED: Rotary tablet press. Stokes good condition. Other models considered. A/167.

DISEASES AND REMEDIES

A "BEST SELLER"

This book is deservedly popular and the fact that numerous editions have been published is striking testimony to its value to practising pharmacists.

The 8th edition, just reprinted, was completely re-written and thoroughly revised by an eminent medical practitioner in collaboration with an able and experienced pharmacist.

The book is up-to-date and is ideal for counter-prescribing purposes. Concisely written, it provides a mine of information with a host of tried and tested formulæ.

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REQUIRED for immediate delivery, one five and ten ton lots: (a) pure phenothiazine powder (b) dispersable phenothiazine powder. Quotations to Box 6/283.
SURPLUS quantities of unwanted, or low grade fatty acids required. Offers and samples required. Write Box 6/284.
WANTED. Synthetic or artificial spray to give a tobacco flavour to large quantities of herbal smoking mixture. Samples and prices, etc., to Herbal Service, Tatsfield, Kent.
WHITE ODOURLESS OIL, English lactose B.P., Pure glycerine B.P. and teaseed oil, all wanted. State full particulars of quantity, pack and price. Box 6/219.

MISCELLANEOUS SALES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

BARGAIN OFFERS. Bit. orange oil, 70 lb., 4/- lb. 56 lb. G.M.S., 2/- lb. 1 cwt. caustic soda 98%, 25/-. 40 gal. lq. paraffin, B.P., 5/- gal. 45 gal. pool 30, 2/- gal. 3½ cwt. yel. pet. jelly, pool 28, 27/6 cwt. 2 cwt. ung. zinci., B.P., 7d. lb. 3 cwt. white lead acetate, 9d. lb. 2 cwt. citric acid, 1/- lb. 45 gal. pine disinfectant, 2/6 gal. Yaffe's, 6 Park Hill, Bury Old Rd., Prestwich, Lancs.
BIDS ARE INVITED for the undermentioned stocks surplus to immediate requirements:—2-tons Beta Naphthol Flake, 2-tons Red Seal Zinc Oxide—Morris Ashby's Zincoli D.P., 10-tons Dense Soda Ash, 6-cwts. Phenacetin B.P. Box 6/267.
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Further particulars may be obtained f County Medical Officer, County Hall, Trent Nottingham.

Completed tenders marked on the outsid envelope "Tender for . . . . " must be to me not later than 8th June 1949.

K. TWEEDALE MEAB
Clerk of the County C

Shire Hall,
NOTTINGHAM.

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